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Set     Items   Description
S1         68   AU=(BURRELL, J? OR BURRELL J? OR JEFFERY(2N)BURRELL)
S2          5   AU=(HYMEL, C? OR HYMEL C? OR CHRISTOPHER(2N)HYMEL)
S3         22   AU=(EWING, A? OR EWING A? OR ANDY(2N)EWING)
S4          0   AU=(MENKHAUS, S? OR MENKHAUS S? OR SUSAN(2N)MENKHAUS)
S5          2   AU=(BRECHTEL, C? OR BRECHTEL C? OR CAROL(2N)BRECHTEL)
S6          0   S1 AND S2 AND S3 AND S5
S7          0   S1 AND S3
S8         96   S1 OR S2 OR S3 OR S5
S9          6   S8 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S10         6   IDPAT (sorted in duplicate/non-duplicate order)
S11         6   IDPAT (primary/non-duplicate records only)
File 350:Derwent WPIX 1963-2006/UD=200722
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200708
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
         (c) 2007 WIPO/Thomson
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11/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0016212491 - Drawing available
WPI ACC NO: 2006-744134/200676
XRPX Acc No: N2006-577627
Outside plant construction management system for use in company, has billing and reporting application sending variations if billings vary from billing expectation of system, and preparing invoice based on approval of supervisor
Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)
Inventor: **BRECHTEL C A** ; COCHRAN R M; DEATON G W; SEAL W M; SMALL T L
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 7117162	B1	20061003	US 199758504	P	19970911	200676 B
			US 199758570	P	19970911	
			US 199758571	P	19970911	
			US 199758572	P	19970911	
			US 199758579	P	19970911	
			US 199758580	P	19970911	
			US 199758581	P	19970911	
			US 199758582	P	19970911	
			US 199758641	P	19970911	
			US 199758657	P	19970911	
			US 199758658	P	19970911	
			US 1998151666	A	19980911	

Priority Applications (no., kind, date): US 199758504 P 19970911; US 199758570 P 19970911; US 199758571 P 19970911; US 199758572 P 19970911; US 199758579 P 19970911; US 199758580 P 19970911; US 199758581 P 19970911; US 199758582 P 19970911; US 199758641 P 19970911; US 199758657 P 19970911; US 199758658 P 19970911; US 1998151666 A 19980911

(NIR)

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 7117162	B1	EN	045	208	Related to Provisional US 199758504
					Related to Provisional US 199758570
					Related to Provisional US 199758571
					Related to Provisional US 199758572
					Related to Provisional US 199758579
					Related to Provisional US 199758580
					Related to Provisional US 199758581
					Related to Provisional US 199758582
					Related to Provisional US 199758641
					Related to Provisional US 199758657
					Related to Provisional US 199758658

Alerting Abstract US B1

NOVELTY - The system has a bid and award application for generating bid packages for a job. A job entry application defines task within the job and determines whether the task is accomplished by a contractor. An interface includes a billing and reporting application for receiving input from the contractor to complete the task and billings. The billing and reporting application sends the variations if the billings vary from a billing expectation of the system, to a supervisor for approval, and prepares an invoice for payment based on the approval of the supervisor.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for

facilitating managing a job.
USE - Used for managing a job, managing outside plant construction contracts and for managing labor and materials within a company.
ADVANTAGE - The reporting application prepares the invoice for payment based on the approval of the supervisor, without causing delays. The outside plant construction management (OSPCM) system eliminates the need for much of the paperwork and clerical work, thereby reducing workload and overhead in the OSPCM.
DESCRIPTION OF DRAWINGS - The drawing shows an overall process flow in an outside plant construction management system for managing a job.

Title Terms/Index Terms/Additional Words: PLANT; CONSTRUCTION; MANAGEMENT; SYSTEM; COMPANY; BILL; REPORT; APPLY; SEND; VARIATION; VARY; EXPECTANCY; PREPARATION; INVOICING; BASED; APPROVE; SUPERVISION

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
G06Q-0099/00 A I F B 20060101
US Classification, Issued: 705009000, 705008000, 705026000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E

11/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0014621568 - Drawing available
WPI ACC NO: 2004-803556/200479
XRPX Acc No: N2004-633416
Computer readable medium is stored with inventory reconciliation program which when executed compares previous and current inventory to determine whether retirement of item in inventory is valid
Patent Assignee: BRECHTEL C (BREC-I); BURRELL J O (BURR-I); SHICK B (SHIC-I)
Inventor: **BRECHTEL C** ; **BURRELL J O** ; SHICK B
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040215519	A1	20041028	US 2003424884	A	20030428	200479 B

(NPA)

Priority Applications (no., kind, date): US 2003424884 A 20030428

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040215519	A1	EN	20	7	

Alerting Abstract US A1
NOVELTY - The inventory reconciliation program is executed to retrieve previous and current inventories from a central office (200) and determine whether the two inventories match. The system accepts the record if they match else the records are analyzed to determine if retirement of item in inventory is valid.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.inventory reconciliation system; and

2.method of reconciling inventory.

USE - For inventory reconciliation.
ADVANTAGE - Due to retirement and reverse retirement processing, number of records marked field representation and percent of records marked field representation can be updated automatically by the system.
DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the inventory reconciliation system.
200 central office
205 computer card
215 handheld scanner
225 base station
230 storage device
235 main frame
Title Terms/Index Terms/Additional Words: COMPUTER; READ; MEDIUM; STORAGE; INVENTORY; PROGRAM; EXECUTE; COMPARE; CURRENT; DETERMINE; ITEM; VALID

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705015000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2B; T01-S03

11/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0013567320 - Drawing available
WPI ACC NO: 2003-661622/200362
Related WPI Acc No: 2001-432412; 2003-634721; 2003-661621
XRPX Acc No: N2003-527898
Securities trading method used by electronic equity market, involves matching entered order at server system against market interest prioritized according to ECNs that charge or do not quote access fees
Patent Assignee: DENAT M (DENA-I); EWING A (EWIN-I); FOLKEMER C (FOLK-I); FURBUSH D (FURB-I); KETCHUM R G (KETC-I); MALITZIS J (MALI-I); MOORE D F (MOOR-I); NUNES A (NUNE-I); PETERSON K (PETE-I); RANDICH S J (RAND-I)
Inventor: DENAT M; **EWING A** ; FOLKEMER C; FURBUSH D; KETCHUM R G; MALITZIS J; MOORE D F; NUNES A; PETERSON K; RANDICH S J
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030126066	A1	20030703	US 1999401872	A	19990923	200362 B
			US 2002274287	A	20021018	

Priority Applications (no., kind, date): US 1999401872 A 19990923; US 2002274287 A 20021018

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030126066	A1	EN	33	9	C-I-P of application US 1999401872

Alerting Abstract US A1
NOVELTY - The method involves matching an entered order at a server system against interest in the electronic market (10), in which the market interests are prioritized according to: displayed quotes/orders of market

makers, electronic communication networks (ECNs) that do not charge separate quote access fee, and non-attributable agency orders of UTP (unlisted trading privileges) Exchanges.

DESCRIPTION - The entered order are also matched with displayed quotes/orders of ECNs that charge separate quote access fee, in which the quotes/orders or the ECNs that charge separate quote access fees are ranked by the amount of the quote access fees. The order is entered at a client station (12) for executing against any market participant that can at least in part satisfy the order. An INDEPENDENT CLAIM is also included for a computer program.

USE - Used by electronic equity market e.g. Nasdaq Stock Market.

ADVANTAGE - Allows control of market participants over sequence that entered orders are matched against quote-access fee charging ECNs. Allows market participant to prevent orders from being matched against ECNs that they consider to charge excessive quote-access fees.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the securities trading system.

10 Electronic market

12 Client station

Title Terms/Index Terms/Additional Words: SECURE; TRADE; METHOD; ELECTRONIC ; MARKET; MATCH; ENTER; ORDER; SERVE; SYSTEM; INTEREST; ACCORD; CHARGE; ACCESS; FEE

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705037000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2F; T01-N01A2F; T01-S03

11/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0012997391
WPI ACC NO: 2003-075345/200307
XRPX Acc No: N2003-058384
Computer-implementable process for evaluating financial plan, involves using variables representing arrays that contain list of assets and list of investment vehicles, respectively
Patent Assignee: EVERTS W (EVER-I); EWING A A (EWIN-I)
Inventor: EVERTS W; **EWING A A**
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020161682	A1	20021031	US 2001793450	A	20010227	200307 B

Priority Applications (no., kind, date): US 2001793450 A 20010227

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020161682	A1	EN	4	0	

Alerting Abstract US A1

NOVELTY - Two arrays represented by corresponding variables contain a list of assets and a list of investment vehicles respectively, and are ordered according to respective ordering criteria. A different variable

represents a financial goal for a future time.
USE - Computer-implementable process for evaluating financial plan.
ADVANTAGE - Since assets are classified according to defined investment vehicle criteria, the lower yield and tax benefit investments are depleted before, and the higher yield financial vehicles providing the greatest benefit are depleted only after classes of assets are empty or insufficient to accomplish the desired financial goal.

Title Terms/Index Terms/Additional Words: COMPUTER; PROCESS; EVALUATE; FINANCIAL; PLAN; VARIABLE; REPRESENT; ARRAY; CONTAIN; LIST; INVESTMENT; VEHICLE; RESPECTIVE

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705036000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A1; T01-J05A2C; T01-J05A2F; T01-S02

11/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0012678534 - Drawing available
WPI ACC NO: 2002-528908/200256
XRPX Acc No: N2002-418846
Computer-based method for matching of dealer orders with manufacturing plant output for use in vehicle manufacturing, uses an automated linear expression calculation for determining and balancing vehicle allocation
Patent Assignee: ADAIR D B (ADAI-I); BURRELL J V (BURR-I); CHAO C (CHAO-I); GUPTA M K (GUPT-I); HIROTA M (HIRO-I); HONDA NORTH AMERICA INC (HOND); JAILLET P (JAIL-I); JAIN L (JAIN-I); KEALOHA J (KEAL-I); KITA R K (KITA-I); MAI Q N (MAIQ-I); NIEMEYER D (NIEM-I); SAMAL N N (SAMA-I); WANG C (WANG-I); WANG F F (WANG-I); WHOBREY A L (WHOB-I)
Inventor: ADAIR D B; **BURRELL J V** ; CHAO C; GUPTA M K; HIROTA M; JAILLET P; JAIN L; KEALOHA J; KITA R K; MAI Q N; NIEMEYER D; SAMAL N N; WANG C; WANG F F; WHOBREY A L
Patent Family (4 patents, 96 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2002054176	A2	20020711	WO 2001US49603	A	20011228	200256	B
US 20030028276	A1	20030206	US 2000259398	P	20001229	200313	E
			US 200136966	A	20011220		
AU 2002241674	A1	20020716	AU 2002241674	A	20011228	200427	E
AU 2002241674	A8	20051006	AU 2002241674	A	20011228	200612	E

Priority Applications (no., kind, date): US 2000259398 P 20001229; US 200136966 A 20011220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002054176	A2	EN	30	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20030028276	A1	EN	Related to Provisional	US 2000259398
AU 2002241674	A1	EN	Based on OPI patent	WO 2002054176
AU 2002241674	A8	EN	Based on OPI patent	WO 2002054176

Alerting Abstract WO A2

NOVELTY - Results of zone reconfiguration process (206) are input to the automated process, comprising three segments, user functions (200), databases (202) and system functions (204). On completion of the process an optional manual reconfiguration process (208) is available to modify results if required. The process provides an automated linear expression using the inputs, processes and databases to match dealer preferences and demand with manufacturing plant output.

DESCRIPTION - INDEPENDENT CLAIMs are also included for the following:

1. A method for transforming a set of vehicles ordered by a dealer into a matching set of orders to a manufacture; (A system for matching dealer orders with manufacturing plant output to optimize manufacturing plant production and product distribution.

USE - For balancing vehicle order requests among a plurality of manufacturing plants and re-sellers in the vehicle manufacturing industry.

ADVANTAGE - The computerized method allows almost immediate communication and significantly decreases processing time, saving time, money and manpower resources. The use of an automated linear expression calculation for determining and balancing vehicle allocation provides a more equitable and optimizable method of lot balancing.

DESCRIPTION OF DRAWINGS - The figure is a block diagram illustrating various components and functions used by the method for matching of dealer orders with manufacturing plant output.

Title Terms/Index Terms/Additional Words: COMPUTER; BASED; METHOD; MATCH; DEAL; ORDER; MANUFACTURE; PLANT; OUTPUT; VEHICLE; AUTOMATIC; LINEAR; EXPRESS; CALCULATE; DETERMINE; BALANCE; ALLOCATE

Class Codes

International Classification (Main): G05B-013/02, G06F, G06F-019/00
(Additional/Secondary): **G06F-017/60**
US Classification, Issued: 700099000, 700103000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J04A; T01-J05A2B; T01-J05B4P

11/5/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00920144 **Image available**

MOVE LOT SIZE BALANCING SYSTEM AND METHOD
SYSTEME ET PROCEDE <= MOVE >= D'EQUILIBRAGE DE TAILLE DE LOTS

Patent Applicant/Assignee:
HONDA NORTH AMERICA INC, 700 Van Ness Avenue, Torreance, CA 90501, US, US (Residence), US (Nationality)

Inventor(s):
ADAIR Dave B, 700 Van Ness Avenue, Torrance, CA 90501, US,
BURRELL James V , 700 Van Ness Avenue, Torrance, CA 90501, US,
CHAO Charles, 700 Van Ness Avenue, Torrance, CA 90501, US,
GUPTA Mohan K, 700 Van Ness Avenue, Torrance, CA 90501, US,
HIROTA Melissa, 700 Van Ness Avenue, Torrance, CA 90501, US,
JAILLET Patrick, 700 Van Ness Avenue, Torrance, CA 90501, US,

JAIN Lalit, 700 Van Ness Avenue, Torrance, CA 90501, US,
KEALOHA John III, 700 Van Ness Avenue, Torrance, CA 90501, US,
KITA Ryan K, 700 Van Ness Avenue, Torrance, CA 90501, US,
MAI Quang N, 700 Van Ness Avenue, Torrance, CA 90501, US,
NIEMEYER Dirk, 700 Van Ness Avenue, Torrance, CA 90501, US,
SAMAL Nirod N, 700 Van Ness Avenue, Torrance, CA 90501, US,
WANG Chung, 700 Van Ness Avenue, Torrance, CA 90501, US,
WANG Flora F, 700 Van Ness Avenue, Torrance, CA 90501, US,
WHOBREY Andrea L, 700 Van Ness Avenue, Torrance, CA 90501, US,
Legal Representative:
BROWN Marc E (agent), McDermott, Will & Emery, Suite 3400, 2049 Century Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200254176 A2-A3 20020711 (WO 0254176)
Application: WO 2001US49603 20011228 (PCT/WO US0149603)
Priority Application: US 2000259398 20001229; US 200136966 20011220
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G05B-013/02
International Patent Class (v7): G06F-019/00; **G06F-017/60**
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8184

English Abstract
A method system for allowing a vehicle dealer and manufacturer to match dealer orders (222) and manufacturing plant shipments easily and equitably are disclosed. The method significantly decreases processing time, saving valuable time, money, and manpower resources. An automated linear eypression calculation for determining and balancing (232) vehicle allocation allows for equitable balancing of manufacturing plant orders and efficient optimization.The linear expression calculation may be performed in an iterative series of steps. The linear expression calculation handles a plurality of attribute features (216), thereby accommodating a plurality of dealer requests and vehicle options. The linear expression calculation creates a matrix representing the plurality of attribute features (216), and with each iteration the values within the matrix are refined and optimized, with the resulting matrix representing an optimized and balanced allocaiton of manufacturing plant production orders among a plurality of manufacturing plants.

French Abstract
L'invention concerne un procede et un systeme permettant a un concessionnaire et a un constructeur d'automobiles de mettre en adequation les commandes de concessionnaires et les expeditions d'usines de construction de facon facile et equitable. Le procede diminue de facon importante le temps de traitement, ce qui permet un gain de temps, d'argent et de main-d'oeuvre. Un calcul d'expression lineaire automatise servant a determiner et a equilibrer l'affectation des vehicules permet

un equilibrage equitable de commandes d'usines de construction et une optimisation efficace. Le calcul d'expression lineaire peut etre effectue dans une serie iterative d'etapes. Il traite plusieurs caracteristiques d'attributs, satisfaisant ainsi plusieurs demandes de concessionnaires et options de vehicule. Le calcul d'expression lineaire cree une matrice representant les caracteristiques d'attributs, et avec chaque iteration, les valeurs dans la matrice sont affinees et optimisees, la matrice obtenue representant une attribution optimisee et equilibree des commandes de production parmi plusieurs usines de construction.

Legal Status (Type, Date, Text)

Publication	20020711	A2 Without international search report and to be republished upon receipt of that report.
Examination	20021219	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20030116	Late publication of international search report
Republication	20030116	A3 With international search report.

```
Set     Items   Description
S1        119   AU=(BURRELL, J? OR BURRELL J? OR JEFFERY(2N)BURRELL)
S2         14   AU=(HYMEL, C? OR HYMEL C? OR CHRISTOPHER(2N)HYMEL)
S3        753   AU=(EWING, A? OR EWING A? OR ANDY(2N)EWING)
S4         10   AU=(MENKHAUS, S? OR MENKHAUS S? OR SUSAN(2N)MENKHAUS)
S5         62   AU=(BRECHTEL, C? OR BRECHTEL C? OR CAROL(2N)BRECHTEL)
S6          0   S1 AND S2 AND S3 AND S4 AND S5
S7        958   S1 OR S2 OR S3 OR S4 OR S5
S8          0   S7 AND ((INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR -
              RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR R-
              EPORT? OR TRACK?))
File   2:INSPEC 1898-2007/Mar W4
         (c) 2007 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2007/Mar
         (c) 2007 ProQuest Info&Learning
File  65:Inside Conferences 1993-2007/Apr 04
         (c) 2007 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2007/Mar
         (c) 2007 The HW Wilson Co.
File 474:New York Times Abs 1969-2007/Apr 03
         (c) 2007 The New York Times
File 475:Wall Street Journal Abs 1973-2007/Apr 03
         (c) 2007 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  15:ABI/Inform(R) 1971-2007/Apr 04
         (c) 2007 ProQuest Info&Learning
File  20:Dialog Global Reporter 1997-2007/Apr 04
         (c) 2007 Dialog
File 610:Business Wire 1999-2007/Apr 04
         (c) 2007 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 476:Financial Times Fulltext 1982-2007/Apr 04
         (c) 2007 Financial Times Ltd
File 613:PR Newswire 1999-2007/Apr 04
         (c) 2007 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2007/Mar 29
         (c) 2007 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2007/Apr 04
         (c) 2007 McGraw-Hill Co. Inc
File   9:Business & Industry(R) Jul/1994-2007/Apr 03
         (c) 2007  The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Apr 03
         (c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Apr 03
         (c) 2007 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2007/Apr 03
         (c) 2007 The Gale Group
File  16:Gale Group PROMT(R) 1990-2007/Apr 03
         (c) 2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Mar 26
         (c)2007 The Gale Group
File   6:NTIS 1964-2007/Apr W1
         (c) 2007 NTIS, Intl Cpyrght All Rights Res
File   7:Social SciSearch(R) 1972-2007/Apr W1
         (c) 2007 The Thomson Corp
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File 8:Ei Compendex(R) 1884-2007/Mar W4
(c) 2007 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Apr W1
(c) 2007 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp
File 256:TecInfoSource 82-2007/Oct
(c) 2007 Info.Sources Inc

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Set     Items   Description
S1      33643   SHORTAGE OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDE-
             RSTOCK OR UNDER()STOCK
S2      38233   RE()USE OR REUSE OR USE()AGAIN
S3    7713261   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
             CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    3009276   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
             WAP OR SWITCH
S5     283146   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      85453   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7      17392   S2 AND S3
S8        558   S5 AND S6 AND S3
S9         28   S1 AND S7
S10         0   S9 AND S8
S11         4   S1 AND S8
S12         1   S11 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
File 350:Derwent WPIX 1963-2006/UD=200722
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
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12/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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08308054 **Image available**
EFFECTIVE USE SYSTEM OF **EQUIPMENT** /HUMAN RESOURCES

PUB. NO.: 2005-056314 [JP 2005056314 A]
PUBLISHED: March 03, 2005 (20050303)
INVENTOR(s): UEDA TETSUO
SENOO TAKAMITSU
KUSAYANAGI YOSHINORI
APPLICANT(s): NISSAN MOTOR CO LTD
APPL. NO.: 2003-288902 [JP 2003288902]
FILED: August 07, 2003 (20030807)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To effectively use **equipment** , **materials** and human resources by promoting borrowing and lending the **equipment** , **materials** and human resources required for a nursing care service between nursing care service providers.

SOLUTION: An **equipment** /human resources **excess** or **shortage** detector 13 detects the **equipment** , **materials** and human resources, which are short or **excessive** when a registered business firm conducts a nursing care service, based on **equipment** /human resources information stored in an **equipment** /human resources database 11 and service reservation information stored **in** a **service** provision database 12. A borrowing-and-lending **equipment** /human resources extractor 14 retrieves a "borrowing" database 15 or "lending" database 16 based on the result of the detection by the **equipment** /human resources **excess** or **shortage** detector 13, and extracts the **equipment** , **materials** and human resources which satisfy the conditions. When the **equipment** , **materials** and human resources which satisfy the conditions are extracted by the borrowing-and-lending **equipment** /human resources extractor 14, an information provision processing part 17 provides both the registered business firm which becomes a lender, and the registered business firm which becomes a borrower, with information for mediating the borrowing and lending of the **equipment** , **material** and human resources.

COPYRIGHT: (C)2005,JPO&NCIPI

```
Set     Items   Description
S1      33643   SHORTAGE OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDE-
             RSTOCK OR UNDER()STOCK
S2      38233   RE()USE OR REUSE OR USE()AGAIN
S3    7713261   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
             CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    3009276   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
             WAP OR SWITCH
S5     283146   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      85453   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7      17392   S2 AND S3
S8        558   S5 AND S6 AND S3
S9         28   S1 AND S7
S10         0   S9 AND S8
S11         4   S1 AND S8
S12         1   S11 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S13     48411   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
              OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
             TRACK?)
S14       696   S1 AND S5 AND S4
S15         6   S13 AND S14
S16         5   S15 AND IC=(G06F? OR G06Q?)
File 350:Derwent WPIX 1963-2006/UD=200722
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
```

16/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0016155475 - Drawing available
WPI ACC NO: 2006-687104/200671
Related WPI Acc No: 2006-613049
XRPX Acc No: N2006-543739
In-silico enabled inventory management system **for use by distributor, has** exchange **processing unit to compare communicated inventory data for compatibility and to communicate back compatible matches to nodes**
Patent Assignee: CHAPIN C (CHAP-I); EISENSON H (EISE-I)
Inventor: CHAPIN C; EISENSON H
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20060195562	A1	20060831	US 2005648906	P	20050201	200671 B
			US 2006756757	P	20060106	
			US 2006345810	A	20060201	

Priority Applications (no., kind, date): US 2005648906 P 20050201; US 2006756757 P 20060106; US 2006345810 A 20060201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060195562	A1	EN	22	9	Related to Provisional US 2005648906
					Related to Provisional US 2006756757

Alerting Abstract US A1

NOVELTY - The system has two nodes and a communication unit (106) including a confidentiality unit. An **exchange** processing unit includes an inventory data storage unit and an inventory data comparison unit. The nodes communicate an inventory data to an **inventory management system** . The communicated data is compared by the **exchange** processing unit for compatibility. The compatible matches are communicated back to the nodes.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for managing an internet based inventory.

USE - Used by company with many outlets, distributor, wholesaler, retailer and manufacturer.

ADVANTAGE - The communicated inventory data is compared by the **exchange** processing unit for compatibility and the compatible matches are communicated back to the nodes, thus ensuring efficient sale, transfer and subsequent utilization of obsolescent/surplus inventory of the technology parts.

DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram of a method for managing an internet based inventory.

106 Communication unit
22, 23 Technical specification
24, 25 Specification tables

Title Terms/Index Terms/Additional Words: SILICO; ENABLE; INVENTORY; MANAGEMENT; SYSTEM; DISTRIBUTE; **EXCHANGE** ; PROCESS; UNIT; COMPARE; COMMUNICATE; DATA; COMPATIBLE; BACK; MATCH; NODE

Class Codes
International Classification (+ Attributes)

IPC + Level	Value	Position	Status	Version
G06F-0015/173	A	I	F	B 20060101
G06F-0015/16	C	I	F	B 20060101

US Classification, Issued: 709223000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2D; T01-N01A2B; T01-N01A2E

16/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0016081418 - Drawing available
WPI ACC NO: 2006-613049/200663
Related WPI Acc No: 2006-687104
XRPX Acc No: N2006-493865
Silico enabled inventory management system **e.g. for product inventory, travel based inventory, has** exchange **processor comparing inventory data sent by nodes for compatibility and communicating compatible matches back to nodes**
Patent Assignee: CHAPIN C (CHAP-I); EISENSON E (EISE-I); EISENSON H (EISE-I)
Inventor: CHAPIN C; EISENSON E; EISENSON H
Patent Family (2 patents, 111 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2006083752	A2	20060810	WO 2006US3166	A	20060127	200663 B
US 20060195563	A1	20060831	US 2005648906	P	20050201	200663 E
			US 2005652691	P	20050214	
			US 2006756757	P	20060106	
			US 2006345842	A	20060201	

Priority Applications (no., kind, date): US 2005648906 P 20050201; WO 2006US3166 A 20060127

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2006083752	A2	EN	33	7	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20060195563	A1	EN	Related to Provisional	US 2005648906
			Related to Provisional	US 2005652691
			Related to Provisional	US 2006756757

Alerting Abstract WO A2

NOVELTY - A system uses a communication unit (106) for communicating an inventory data e.g. **overstock** and **understock** items sent by the nodes such as retailers, suppliers, distributors or manufacturers to an **exchange** processor (108) which has a comparison unit for comparing inventory data for compatibility and communicating compatible matches back to nodes. The **exchange** processor has a transaction management function for orchestrating payment and inventory shipping by and between nodes determined to have complementary matching inventory.

DESCRIPTION - An INDEPENDENT CLAIM is included for internet based **inventory management** method.

USE - For product inventory and travel based inventory.

ADVANTAGE - Needs of the multiple geographic nodes at the retail, wholesale, distribution and even manufacturing levels are satisfied, improving effectiveness and portability of the business segments.

DESCRIPTION OF DRAWINGS - The figure shows the **inventory management system** .

100 **inventory management system**
101 nodes
106 communication unit
108 **exchange** processor
110 input device
112 output device

Title Terms/Index Terms/Additional Words: SILICO; ENABLE; INVENTORY; MANAGEMENT; SYSTEM; PRODUCT; TRAVEL; BASED; **EXCHANGE** ; PROCESSOR; COMPARE; DATA; SEND; NODE; COMPATIBLE; COMMUNICATE; MATCH; BACK

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
G06F-0015/173 A I F B 20060101
G06F-0015/16 C I F B 20060101
US Classification, Issued: 709223000, 709224000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E

16/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0015921121 - Drawing available
WPI ACC NO: 2006-452760/200646
XRPX Acc No: N2006-370688
Method of tracking and exchanging excess / shortage **inventories, involves searching** excess / shortage **inventory based on user initiated rules, and tracking/executing changes to user base and inventory data based on administrator commands**
Patent Assignee: NGUYEN H (NGUY-I); TRANLONG P B (TRAN-I)
Inventor: NGUYEN H; TRANLONG P B
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20060085235	A1	20060420	US 2004602619	P	20040819	200646 B
			US 2005201043	A	20050810	

Priority Applications (no., kind, date): US 2004602619 P 20040819; US 2005201043 A 20050810

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060085235	A1	EN	10	3	Related to Provisional US 2004602619

Alerting Abstract US A1

NOVELTY - The software routines are constructed to couple inventory data source, user and administrator. The inventory data are loaded to inventory hub, based on user defined criteria. The **excess / shortage** inventory are searched and presented to user, based on user initiated rules. The changes to user base and inventory data are tracked/executed, based on

administrator commands, and the changes are updated to inventory hub.
USE - For **inventory control** in supply chain management (SCM) in business enterprise.
ADVANTAGE - Provides inventory mitigation and balancing business solution ideally suited for web hosting or web **exchange** environment. Maximizes user-initiated transactions without requiring the user to compile or code software programs.
DESCRIPTION OF DRAWINGS - The figure shows the workflow implemented in **inventory** mitigation **system** .

Title Terms/Index Terms/Additional Words: METHOD; TRACK; **EXCHANGE** ; **EXCESS** ; **SHORTAGE** ; INVENTORY; SEARCH; BASED; USER; INITIATE; RULE; EXECUTE; CHANGE; BASE; DATA; ADMINISTER; COMMAND

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
G06F-0017/50 A I L B 20060101
G06F-0009/44 A I F B 20060101
US Classification, Issued: 705007000, 705028000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2D; T01-N01A2E

16/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0011085408 - Drawing available
WPI ACC NO: 2002-020912/200203
XRAM Acc No: C2002-006107
XRPX Acc No: N2002-016414
Medical agent management for automatic inventory management **, involves classifying medical agents according to their conditions based on specified characteristics database, to acceptable agents**
Patent Assignee: RICOH KK (RICO)
Inventor: NOMOTO M
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2001243324	A	20010907	JP 200057706	A	20000302	200203 B

Priority Applications (no., kind, date): JP 200057706 A 20000302

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001243324	A	JA	10	10	

Alerting Abstract JP A
NOVELTY - Medical agent management involves classifying medical agents according to their conditions and managing using a control system. The chemical conditions of a valid medical agent are changed into acceptance conditions and used as standard. In case of preparation of a multicomponent agent, each chemical component is assigned a number, and conditions are changed into acceptance conditions.
DESCRIPTION - Medical agent management method involves classifying medical agents according to their conditions and managing the agents using a control system. When predetermined management data about an acceptable

medical agent is input, the control system assigns a management number to it. The chemical conditions of the valid medical agent are changed into acceptance conditions and used as standard.

In the preparation of a multi-component medical agent, each chemical component is assigned a management number, and the chemical conditions of each component is changed into acceptance conditions. When management numbers of the medical agent that is prepared and the chemicals used, are input, the condition of the prepared medical agent is set as a finishing condition.

USE - Used for automatic **inventory management** of medical agents.

ADVANTAGE - Several medical agents are managed at the same time. Medical agents satisfying predetermined parameters only are passed for administration and efficiency of medical agent **inventory control** increases by performing separate management of chemicals involved in preparation. The volume of inventory is decreased as much as possible and order timing can be optimized. Production planning is enabled efficiently and **excessive** inventory and **shortage** of medical agents, are prevented. The control system outputs the results of the measured parameters of the medical agent efficiently, and time and effort for calculation and management of medical agent, are minimized.

DESCRIPTION OF DRAWINGS - The figure shows a diagram of the medical agent management apparatus. (Drawing includes non-English language text).

1 Data base
2 Display device
3 Data processor
4 Counter
5 Data entry apparatus
6 Audio output device
7 Temperature sensor
8 Specific gravity sensor
9 **Equipment management** apparatus

Title Terms/Index Terms/Additional Words: MEDICAL; AGENT; MANAGEMENT; AUTOMATIC; INVENTORY; CLASSIFY; ACCORD; CONDITION; BASED; SPECIFIED; CHARACTERISTIC; DATABASE; ACCEPT

Class Codes
International Classification (Main): **G06F-017/60**
(Additional/Secondary): A61J-003/00

File Segment: CPI; EngPI; EPI
DWPI Class: B04; J04; T01; P33
Manual Codes (EPI/S-X): T01-J05A
Manual Codes (CPI/A-M): B11-C03; B11-C09; B12-K04; J04-B01

16/5/5 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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03179567 **Image available**
METHOD FOR WARNING **INVENTORY** AND **SYSTEM** USING SUCH METHOD

PUB. NO.: 02-155067 [JP 2155067 A]
PUBLISHED: June 14, 1990 (19900614)
INVENTOR(s): KAGAMI AKIRA
HONMA KOICHI
AKASHI KICHIZO
AIZAWA TAKAYUKI
MORI HIROSHI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-307825 [JP 88307825]
FILED: December 07, 1988 (19881207)
INTL CLASS: [5] **G06F-015/24** ; B65G-001/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 26.9 (TRANSPORTATION -- Other)
JOURNAL: Section: P, Section No. 1099, Vol. 14, No. 402, Pg. 146, August 30, 1990 (19900830)

ABSTRACT

PURPOSE: To support intentional decision of inventory adjustment action by calculating indexes to evaluate the **excess** / **shortage** of inventory from the sales transition predicted results of respective pieces of merchandise and displaying pieces of merchandise information arrayed under a corresponding state to the magnitudes of the indexes.

CONSTITUTION: A sale pattern change/input processing part 31 **converts** the model pattern of the sale characteristic of an inputted merchandise group into a table in which time and sales summed-up ratios are made to correspond to each other and registers the table in a time-sales summed-up relational file 35. An inventory warning index calculating part 32 predicts sales transitions for the individual pieces of merchandise on an assumption that sales change based on the model pattern and calculates the indexes to evaluate the **excess** / stortage of the inventory at a current point from the predicted results, and an inventory warning merchandise output processing part 34 arrays the pieces of information of plural pieces of merchandise based on the indexes and displays the pieces of arrayed information. Thus, it be comes possible to easily input experienced person's experience and intuition related to the sales for a piece of fashion merchandise having a short life cycle and give a more suitable warning for the **excess** / **shortage** of the inventory based on the inputted experience and the inputted intuition.

```
Set     Items   Description
S1     549514   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2      39972   RE()USE OR REUSE OR USE()AGAIN
S3    2022749   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1261319   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
            WAP OR SWITCH
S5     425608   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     191715   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        542   S1(S)S2(S)S3
S8       1642   S5(S)S6(S)S3
S9         11   S7(S)S8
S10        10   S9(S)S4
S11         5   S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
File 348:EUROPEAN PATENTS 1978-2007/ 200708
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
         (c) 2007 WIPO/Thomson
```

11/TI/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees

11/TI/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum Schutz von elektronischen Rechten
Systemes et procedes pour gerer des transactions securisees et pour proteger des droits electroniques

11/TI/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

11/TI/4 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET POUR SERVICES DE LOCATION DE VEHICULES

11/TI/5 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN E-COMMERCE BASED TECHNICAL ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNEES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

```
Set     Items   Description
S1     549514   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2      39972   RE()USE OR REUSE OR USE()AGAIN
S3    2022749   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1261319   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
            WAP OR SWITCH
S5     425608   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     191715   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        542   S1(S)S2(S)S3
S8       1642   S5(S)S6(S)S3
S9         11   S7(S)S8
S10        10   S9(S)S4
S11         5   S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S12     26939   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
             OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
            TRACK?)
S13     20402   S1(S)S5
S14        42   S13(S)S12
S15         1   S14(S)S2
S16         4   S14(S)S6
S17         4   S14(S)(S2 OR S6)
File 348:EUROPEAN PATENTS 1978-2007/ 200708
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
         (c) 2007 WIPO/Thomson
```

17/TI/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

Method and system for detecting defects and hazardous conditions in passing rail vehicles
Methode und System zur Erkennung von Defekten und gefahrlichen Eigenschaften von passierenden Eisenbahnfahrzeugen
Methode et systeme pour la detection des defauts et des conditions perilleuses des vehicules ferroviaires passants

17/TI/2 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

IN SITU RECOVERY FROM A OIL SHALE FORMATION
RECUPERATION D'HUILE IN SITU A PARTIR D'UNE FORMATION DE SCHISTE BITUMINEUX

17/TI/3 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

SYSTEM FOR MONITORING REMOTE VENDING MACHINES
SYSTEME DE CONTROLE A DISTANCE DE DISTRIBUTEURS AUTOMATIQUES

17/TI/4 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

SYSTEM OF HANDLING REFUSE DERIVED FUEL UTILIZING SAME TO FIRE POWER PLANTS
SYSTEME DE MANIPULATION DE COMBUSTIBLE DERIVE DE DECHETS ET D'UTILISATION DE CE COMBUSTIBLE POUR ALIMENTER DES CENTRALES GENERATRICES

```
Set     Items   Description
S1     549514   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2      39972   RE()USE OR REUSE OR USE()AGAIN
S3    2022749   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1261319   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
            WAP OR SWITCH
S5     425608   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     191715   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        542   S1(S)S2(S)S3
S8       1642   S5(S)S6(S)S3
S9         11   S7(S)S8
S10        10   S9(S)S4
S11         5   S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S12     26939   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
             OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
            TRACK?)
S13     20402   S1(S)S5
S14        42   S13(S)S12
S15         1   S14(S)S2
S16         4   S14(S)S6
S17         4   S14(S)(S2 OR S6)
S18        16   S14(S)S4
S19         1   S18 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S20         3   S18 AND IC=(G06F? OR G06Q?)
File 348:EUROPEAN PATENTS 1978-2007/ 200708
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
         (c) 2007 WIPO/Thomson
```

20/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01212856 **Image available**
SYSTEM AND METHOD FOR IDENTIFICATION OF QUASI-FUNGIBLE GOODS AND SERVICES, AND FINANCIAL INSTRUMENTS BASED THEREON
SYSTEME ET PROCEDE D'IDENTIFICATION DE BIENS ET DE SERVICES QUASI-FONGIBLES ET INSTRUMENTS FINANCIERS BASES SUR CEUX-CI
Patent Applicant/Inventor:
LEISTNER Gilbert, 18 Winding Brook Road, Goffstown, NH 03045, US, US (Residence), US (Nationality)
Legal Representative:
JOHNSON John (agent), Carter Ledyard & Milburn LLP, 2 Wall Street, New York, NY 10005, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200520018 A2 20050303 (WO 0520018)
Application: WO 2004US26960 20040818 (PCT/WO US04026960)
Priority Application: US 2003495937 20030818
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 33540

Main International Patent Class (v7): **G06F**
Fulltext Availability:
Claims

Claim
... Financial Product Machine (FPM) 470 and at I 0 least one of a plurality of **Inventory Management** Machines (IMM) 510 via a process that a user 460 can select to augment the...

...Vq+1 which is input to the Financial Product Machine 470 and one or more **Inventory Management** Machines 510 via block 455. Depending upon an application, information describing current set Vq+1...
...alternatives Q, from a at least one of a plurality of given subscriber or user **Inventory Management** Machines, using .a current set Vq+1 (provided that a current set Vq+1 is...

...financial products based on qualified quasifungible candidate alternatives (assets) C., from some other subscriber's **Inventory Management** Machine, using a current set Vq+1 (provided that a current set Vq+1 is...

...Machine 470 are quasi-fungibility based financial products 480. The function of one or more **Inventory Management** Machine(s) 510 contained in the
Practical Engine 465 in at least one preferred embodiment...

...based taxonomies 540 is implemented. Practical application of at least one of a plurality of **Inventory Management** Machines 510 for at least one preferred embodiment is detailed in...GSEOs in the nonlimiting examples below. User interaction and control of respective one or more **Inventory Management** Machine(s) 510 which may have multiple view permissions within a single machine can vary...

...from subscriber to subscriber and within a user organization. In one preferred embodiment to an **Inventory Management** Machine 510 subscriber-users are (1) members of a Treasury department 520 of a subscriber company using an **Inventory Management** Machine 510, and (2) members of a Procurement Management department 530 of the same 1 5 subscribing company using the same **Inventory Management** Machine 510 through another client workstation. It will be evident to one skilled in the...

...in an over over-the-counter type of structure as well as in highly structured **exchange** environments. The two types of users of an **Inventory Management** Machine 510 described herein are not to be confused with a "user" (at 320, 350...

...and hedge financial products. A Treasury department's 520 interactions with, and controls over, an **Inventory Management** Machine 510 in one preferred embodiment might consist of a treasurer seeking to maximize profit...

...one example below. The Procurement Management department's 530 interactions with, and controls over, an **Inventory Management** Machine 510 in at least one preferred embodiment might consist of coordinating treasury operations and **inventory management** , optimizing purchases through possible negotiation between multiple suppliers of quasi-fungible inventory, reduction of **shortage** pressures through the identification of candidate alternatives and controlling inventory age with a quasi-fungible set and inventory swaps. Outputs of one or more **Inventory Management** Machine(s) 510 can be optimizations of inventories using quasi-fungibility based taxonomies in which...

...and what rights are transferred therein since inventory provided by a receipt originator may be " **excess** " for only a relatively **short** period prior to being required for a production line. Many such concerns can be met...

...and other appropriate front, middle and back office functions. Further, Interface 467 could feed into **exchange** systems for trading purposes for margining, collateral management and quoting and trading through automatic price...Protocols are complex and the payers may seek to reduce what they might see as " **excess** " margins on services contracted for through a given HCD on a quasi-fungibility basis. But...

...their attendant outcomes such as increased service demand 3) be provided wherever there is io **shortage** , whether structural or temporary and 4) be tied to equipment loans and leases in combination...

...the subject invention, the cash and service flows for Radiological Services can be hedged and **exchanged** . For a large service provider base it is plausible that **excess** capacity of service within a set of service providers will exist on a local and...

...SPOtt+n from any qualified candidate alternative provider and functionally enable participants to sell services **short** While

repurchase agreement structures as proposed could be effected in quasi-fungible services generally, clearly...

...weeks, (as well as individual days as necessary) could be bought from entities having an **excess** and sold back at any later date as well as sold outright. Since the services...

...on a multi-lateral as well as bi-lateral basis. The roles of dealers and **exchanges** in such structures will be intuitive to one skilled in the art. The possibilities for...

...the presence of which could constitute events that trigger options for additional services. Such a **short** position held by a Dealer can be modeled to create functional Term Repo or a Rolling Spot type of Repo **short** that is either renewed by a recipient or rolled between accepted candidate alternatives. A capacity to establish and hold functional **short** positions in spot services allows for use of such positions as hedges against other long...

...the repo (or other product such as an individual forward or series of forwards or **swap**) is constructed of the elements of V; For any pair A4,@) is a scalar (a...

...cash/service flows as it is classically envisioned since the cash/service flows can be **replaced** by any member or group of members of the utilized sets V (or new qualifying...

...time. "Elastic" in the context of this embodiment means that any qualifying @j may be **substituted** at any time t over the life of the service flows and at any time...

...replacement of forward positions. Moreover, as t -+ 0, delivery dynamics will make for competitive
47
substitution under "use or lose it" valuation scenarios inherent in the delivery of services at to...an Inventory Source according to inventory drawdown protocols for a production line. Corresponding to the **short** position in the forward held by the Device Manufacturer 1406, the Dealer 1402 has established...

...the forward contract on Reference ,which he has hedged with the repo-to-cash market **short** sale combination based on either a Reference 4 or one or more @ in V(in...

...back office support functions such as collateral management, risk analysis, payments and collections, connections to **exchanges** , and other ancillary services associated with management of a trading portfolio and its associated positions...

...augmented set 14. Inventory Source 1400 sends information about Reference 4 to at least one **Inventory Management** Machine 465 according to the search protocols described above, which returns set Vof (4,@j...

...already described methods. The output from the search is sent from at least one subscriber **Inventory Management** Machine 510 via the Practical Engine 465 to at least one of a plurality of...

...pricing base for derivatives, but serve as well as a mechanism for pricing an inventory **swap** . A non-limiting example of parties to such a

swap structure would be a Component Manufacturer who receives fixed payment for production and a Device...

...board, washer, nut".) can be processed through the Quasi-fungibility Apparatus, Financial Product Machine and **Inventory Management** Machine. Thereby, large numbers of products previously thought of as uinhedgeable can approach measures of...

20/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01043254 **Image available**
METHOD AND SYSTEM FOR TRACKING AND PROVIDING INCENTIVES AND BEHAVIORAL INFLUENCES RELATED TO MONEY AND TECHNOLOGY
PROCEDE ET SYSTEME DE SUIVI ET D'OCTROI D'INCITATIONS A DES TACHES ET ACTIVITES ET AUTRES DOMAINES DE COMPORTEMENT TOUCHANT A L'ARGENT, AUX INDIVIDUS, A LA TECHNOLOGIE, ET AUTRES VALEURS
Patent Applicant/Inventor:
MARSHALL T Thaddeus, 7 Clover Leaf Court, Medford, NJ 08055, US, US (Residence), US (Nationality)
Legal Representative:
ROSENTHAL Robert E (agent), Duane, Morris LLP, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200373236 A2-A3 20030904 (WO 0373236)
Application: WO 2003US5982 20030227 (PCT/WO US03005982)
Priority Application: US 2002360347 20020227; US 2002361794 20020305; US 2002364237 20020313; US 2002364448 20020314; US 2002370518 20020404; US 2002394827 20020709; US 2002403166 20020813; US 2002413270 20020924; US 2002414860 20020930; US 2002416135 20021003; US 2002416288 20021004; US 2002418413 20021015; US 2002421170 20021025; US 2002422042 20021028; US 2002427787 20021119; US 2002429596 20021126; US 2002430542 20021202; US 2002433921 20021216; US 2003439306 20030109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 66639

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
Claims

Claim
... the individual is invited, such as through a text message, to famish personal information, in **exchange** for obtaining coupons or other benefits that may or may not be time sensitive and...a fast food restaurant along a route described by driving directions may have a

relatively **short** duration, such as one day or 12 hours, as the selection of a fast food...a message may be
102
displayed inviting the individual to provide the personal information in **exchange** for a coupon or other benefit good for a limited time at one of the...by the map server or by other means of communications, to furnish personal information, in **exchange** for obtaining coupons or other benefits that may or may not be time sensitive and...text on a web page provided by the map server, to furnish personal information, in **exchange** for obtaining coupons or other benefits that may or may not be time sensitive and...communications bandwidth, are events. Use of such resources in an inappropriate manner, such as in **excessive** amounts, or during high demand times, results in deductions from a point account. Balances in...in view of information relating to current business needs, such as existing and/or planned **inventory management** needs online and/or offline at one or more particular retail locations, and discretely providing...

20/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00738050 **Image available**
APPARATUS AND METHOD FOR MONITORING AND MAINTAINING PLANT EQUIPMENT
DISPOSITIF ET PROCEDE DE SURVEILLANCE ET ENTRETIEN D'INSTALLATIONS MATERIELLES
Patent Applicant/Assignee:
NORTHEAST EQUIPMENT INC doing business as DELTA MECHANICAL SEALS, 44 Probber Lane, Fall River, MA 02720, US, US (Residence), US (Nationality)
Inventor(s):
BJORNSON Carl C, 29 Bowen Avenue, Tiverton, RI 02905, US,
Legal Representative:
GORDON Peter J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200051037 A2-A3 20000831 (WO 0051037)
Application: WO 2000US4072 20000217 (PCT/WO US0004072)
Priority Application: US 99255511 19990222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 30407

Main International Patent Class (v7): **G06F-017/40**
Fulltext Availability:
Claims

Claim

... 00ther... 0-R,mg hfaww 0 Viton 0 EPR 0 Kalrez 0 Other... Othcrlnfo.
Heal **Exchangers**
0 Used 0 Not Used
kffg
Type
ShcU Mwftial
coilmatcrial
Otbj=lnfo.
Used 0 Not...

...Actlual/Current Beflect in coliumn i: relate None, Repair,
Dellen Seal Installed '4ot Checked. to **Replace** ,
f3
0 Al At Time 0 Yes, No. Not fidjurelEngineering Analvsi
Failure -$-U re I...Checked, D d. Actions
L
Yes, No. Not cond- recommended:
Sure ition None, Repair,
relate **Replace** ,
I -o Envineerip" Analysi
Lafflurel Other
I
NC Y NNS Y N N R R...Actual/Current Reflect in column I, Mon None,
ReRair,
lemperature Desion TCRIPerilture Not Checked, relate **Replace** ,
Operating At Time 0 Yes- No. Not to Engineering Analy is
Temperature Failure Luxe railurel...
...rjK&mmended-.
Design Condition in column 1.- Iticn bame@@
At Time of Not Checked relate **Replace** ,
Failure Yes, No. Not to Engineering Anal si
s
Sure rallure Otber
NCI YIN INS...ElOperaungCondition! Exp.
10101
I ailure Nlode 10101 10102
Identified Seal Failure Analyzer Results X.
Human, **Equipment** , **System** Analysis
01000 Initial Problem Identification 20
01100 Mechanical Problems Identification
0 110 4/1 Mechanical...

...gc ther 'F@n S @al/Slu ng li@x Area entification -T- -
7
01400 **Excessive** Packing/Stuffing Box Leakage Identification
T-- - , /i-- Xc`c-' Fac-@-in@Kiiu@ingg Co-, L...t
0612@ quipment operation proce tire
06130 Equipment dry r jc@nditi
5@1 4 **Excessive** equipment vi
06150 4/1
07000 Process Fluid Analysis
07100 Process Fluid Inform

```
Set     Items   Description
S1     525176   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2      29773   RE()USE OR REUSE OR USE()AGAIN
S3    5014703   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4     910142   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
            CH???
S5     145645   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     192256   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        157   S1 AND S2 AND S3
S8        501   S5 AND S6 AND S3
S9          0   S7 AND S8
S10      2143   S1 AND S5 AND S3
S11       319   S2 AND S6
S12     65675   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
             OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
            TRACK?)
S13        48   S12 AND S10
S14         7   S13 AND S4
S15         2   S12 AND S11
S16         9   S14 OR S15
S17         9   RD  (unique items)
File   2:INSPEC 1898-2007/Mar W4
         (c) 2007 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2007/Mar
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File  65:Inside Conferences 1993-2007/Apr 04
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File  99:Wilson Appl. Sci & Tech Abs 1983-2007/Mar
         (c) 2007 The HW Wilson Co.
File 474:New York Times Abs 1969-2007/Apr 03
         (c) 2007 The New York Times
File 475:Wall Street Journal Abs 1973-2007/Apr 03
         (c) 2007 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
```

17/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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09507582 INSPEC Abstract Number: C2005-09-1290F-071
Title: Competitive stocking and coordination in a multiple-channel distribution system
Author(s): Boyaci, T.
Author Affiliation: Fac. of Manage., McGill Univ., Montreal, Que., Canada
Journal: IIE Transactions vol.37, no.5 p.407-27
Publisher: Taylor & Francis,
Publication Date: May 2005 Country of Publication: USA
CODEN: IIETDM ISSN: 0740-817X
SICI: 0740-817X(200505)37:5L.407:CSCM;1-A
Material Identity Number: H649-2005-005
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Theoretical (T)
Abstract: In this paper, we study a multiple-channel distribution system in which a manufacturer sells its **product** through an independent retailer as well as through his wholly-owned channel. The manufacturer and the retailer **stock** the **product** solely to satisfy the final customer demand of their respective channels. We focus on the stocking levels of the manufacturer's wholly-owned channel and the retail channel. We assume that each channel has a local stochastic demand, but that the **products** are substitutable, which means there would be spill-over customers in the event that one channel runs out of **stock** . We explore the channel inefficiencies induced by the presence of simultaneous vertical competition (double-marginalization) and horizontal competition (substitutability). We show that there is an overall tendency for both channels to **overstock** due to **substitution** , which intensifies under increasing **substitution** rates. Increasing double-marginalization, on the other hand, intensifies the tendency to **overstock** in the manufacturer's wholly-owned channel, but induces the retail channel to **understock** . We find that supply chain losses are least under moderate levels of double-marginalization and/or **substitution** . We also investigate coordination mechanisms, and show that most of the well-known, simple contracts fail to achieve coordination in this setting. An exception to this is an appropriately designed penalty contract, which can indeed coordinate the supply chain, but is hard to implement. In search of practically more appealing coordination mechanisms, we design a novel two-part compensation-commission contract, whose terms depend on the retail channel sales. (32 Refs)
Subfile: C E
Descriptors: retailing; stochastic processes; **stock control** ; supply chain management; supply chains
Identifiers: competitive stocking; multiple-channel distribution system; stochastic demand; spill-over customers; channel inefficiencies; double-marginalization; supply chain losses; retail channel sales
Class Codes: C1290F (Systems theory applications in industry); C1140Z (Other topics in statistics)
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17/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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09376816
Title: Benefiting from the risk-pooling effect: internal (component commonality) vs. external (demand reshape) efforts
Author(s): Eynan, A.; Fouque, T.

Author Affiliation: Robins Sch. of Bus., Richmond Univ., VA, USA
Journal: International Journal of Services and Operations Management vol.1, no.1 p.90-9
Publisher: Inderscience Enterprises,
Publication Date: 2005 Country of Publication: Switzerland
ISSN: 1744-2370
SICI: 1744-2370(2005)1:1L.90:BFRP;1-#
Material Identity Number: J350-2005-001
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Faced with uncertain demand for their **products** companies bear the associated burdens such as holding cost, spoilage and shrinkage for **excess** inventory and lost sales, expediting cost and **shortage** penalty upon stockouts. Consequently, much attention and effort are channelled toward the reduction of these costs. Component commonality promotes this endeavour by designing **products** to share some of their components. Consequently, the variability of demand for the components is reduced followed by a decrease in the management cost of **materials** . A recently introduced approach is demand reshape where firms attempt to influence some consumers to **switch** to a different **product** even though their original choice is available. Consequently, total variability of demand for the **products** is reduced as well as **inventory management** costs. As both approaches rely on the risk pooling effect to gain benefits we explore the efficiencies of the two approaches; we compare performance and also investigate the potential benefits of employing both simultaneously. (13 Refs)
Subfile: E
Descriptors: cost reduction; financial management; **inventory management** ; **product** design; risk management
Identifiers: risk-pooling effect; component commonality; demand reshape; cost reduction; **inventory management** costs
Copyright 2005, IEE

17/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
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08067121 INSPEC Abstract Number: B2001-11-6135-294, C2001-11-5260B-386
Title: A study on time series pattern extraction and processing for competitive intelligence support
Author(s): Soe-Tsyr Yuan; Ming-Zeng Huang
Author Affiliation: Dept. of Manage., Fu-Jen Univ., Taipei, Taiwan
Journal: Expert Systems with Applications vol.21, no.1 p.37-51
Publisher: Elsevier,
Publication Date: July 2001 Country of Publication: UK
CODEN: ESAPEH ISSN: 0957-4174
SICI: 0957-4174(200107)21:1L.37:STSP;1-4
Material Identity Number: N813-2001-005
U.S. Copyright Clearance Center Code: 0957-4174/2001/$20.00
Document Number: S0957-4174(01)00025-2
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P)
Abstract: In the era of rapid growth and high competition, a company must possess an information-knowledge advantage in order to hold the upper hand in the industry. Therefore, the company has to continuously monitor its competitors in order to get enough information and **convert** the information into competitive knowledge. Although information technology has been used in many areas and has many successful **examples** , it is rarely the case that information technology was used for the task of competitor

Intelligence. Accordingly, this study devises a method of time series pattern extraction and processing for the task of obtaining place-prospect competitor intelligence in order to advance an enterprise with a competitive knowledge advantage. The purposes of the method are two-fold: (1) For a **product** manufactured by the company, the gathered data are mined into a knowledge advantage-an appropriate amount of the **stock** to be allocated at: a timely fashion at a retailer in face of competition. (2) This knowledge advantage alerts the company's decision makers to what is unknown and forces them to make good decisions on the **stock** allocation problem, freeing them from the dilemma of **over - stock** or **under - stock** with respect to competitors' **stock** . Our approach differs from traditional **inventory management** in the grounds they are based: traditional **inventory management** is based on the perspective of cash flow while our approach is based on the perspective of competition encountered. The results show our method is quite promising to this end, obtaining the intelligence to gain competitive advantage. (12 Refs)

Subfile: B C

Descriptors: expert systems; feature extraction; time series

Identifiers: time series pattern extraction; competitive intelligence support; information-knowledge advantage; information technology; place-prospect competitor intelligence; **inventory management**

Class Codes: B6135 (Optical, image and video signal processing); B0240Z (Other topics in statistics); C5260B (Computer vision and image processing techniques); C1140Z (Other topics in statistics); C6170 (Expert systems and other AI software and techniques)

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17/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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07997708 INSPEC Abstract Number: C2001-09-1290F-061

Title: An inventory model with dependent product demands and returns

Author(s): Kiesmuller, G.P.; van der Laan, E.A.

Author Affiliation: Fac. of Technol. Manage., Eindhoven Univ. of Technol., Netherlands

Journal: International Journal of Production Economics vol.72, no.1 p.73-87

Publisher: Elsevier,

Publication Date: 30 June 2001 Country of Publication: Netherlands

CODEN: IJPEE6 ISSN: 0925-5273

SICI: 0925-5273(20010630)72:1L.73:IMWD;1-6

Material Identity Number: P531-2001-008

U.S. Copyright Clearance Center Code: 0925-5273/2001/$20.00

Document Number: S0925-5273(00)00080-3

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: In this paper an inventory model for a single reusable product is investigated, in which the random returns depend explicitly on the demand stream. Further, the model distinguishes itself from most other research **in** this **field** by considering lead times and a finite planning horizon. We show that neglecting the dependency between demands and returns of products may lead to bad performance with respect to total average relevant costs. Additionally, our results enable one to determine the minimal recovery probability or the minimal length of the planning horizon for which **reuse** is profitable. (7 Refs)

Subfile: C

Descriptors: optimisation; planning; probability; production control; **stock control**

Identifiers: inventory model; reusable product; product demands; product returns; lead times; planning; recovery probability; optimisation; Markov chain
Class Codes: C1290F (Systems theory applications in industry); C1180 (Optimisation techniques); C1140Z (Other topics in statistics)
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17/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
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07284993 INSPEC Abstract Number: C1999-08-1290F-068
Title: Optimal policy for a periodic review returnable inventory system
Author(s): Buchanan, D.J.; Abad, P.L.
Author Affiliation: McMaster Univ., Hamilton, Ont., Canada
Journal: IIE Transactions vol.30, no.11 p.1049-55
Publisher: Kluwer Academic Publishers,
Publication Date: Nov. 1998 Country of Publication: Netherlands
CODEN: IIETDM ISSN: 0740-817X
SICI: 0740-817X(199811)30:11L.1049:OPPR;1-R
Material Identity Number: H262-1999-002
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: We consider the **inventory control** problem in a periodic review returnable system. In a returnable system, containers are returned by consumers to the manufacturer for **reuse** . We view the returns in a given period to be a stochastic function of the number of containers out **in** the **field** . Using dynamic programming, we derive the optimal **inventory control** policy for the system. (5 Refs)
Subfile: C
Descriptors: dynamic programming; stochastic processes; **stock control**
Identifiers: periodic review returnable **inventory system** ; optimal policy; stochastic function; optimal **inventory control** policy
Class Codes: C1290F (Systems theory applications in industry); C1180 (Optimisation techniques); C1140Z (Other topics in statistics)
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(M/R)

17/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
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05923938 INSPEC Abstract Number: A9509-2843-018, B9505-8220B-175, C9505-7470-063
Title: Advanced plant maintenance and surveillance system for the nuclear power plants of the next century
Author(s): Raghavan, R.; Simon, B.H.
Author Affiliation: Nucl. Energy, Gen. Electr. Co., San Jose, CA, USA
Part vol.2 p.693-7 vol.2
Editor(s): Peterson, P.F.
Publisher: ASME, New York, NY, USA
Publication Date: 1993 Country of Publication: USA 2 vol. (xiii+757+xv+899) pp.
ISBN: 0 7918 0637 5
Conference Title: Proceedings of 2nd International Conference on Nuclear Engineering (ICONE-2)
Conference Date: 21-24 March 1993 Conference Location: San Francisco, CA, USA
Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)
Abstract: The traditional approach to nuclear power plant maintenance and surveillance employs a preventive maintenance philosophy that can result in **excessive** labor being expended and in unnecessary and potentially damaging testing being performed. Plant downtime may also be increased and availability reduced because of the large number of critical tasks that need to be accomplished during a maintenance outage. In addition, modern **control equipment** is increasingly computerized and software-driven, and thus is not readily accessible or understandable to an operator using conventional surveillance techniques. The proposed advanced approach uses a diagnostic system based on the advanced and still emerging technologies of neural networks and fuzzy expert systems, two decision-making methods that are both related to the more general concept of Artificial Intelligence (AI). This system monitors operating conditions of **control equipment** in real time and also monitors past performance based on maintenance **records** and **equipment** specifications entered into a computerized database. Plant system availability can be enhanced and maintenance costs can be reduced by automatically adjusting surveillance periods and maintenance schedules to actual trends in **equipment** performance. Rigid maintenance schedules do not provide the most efficient use of plant resources. **Equipment** in multiple redundant instrument channels may need calibration and testing at different times to maintain a system in an optimal state of readiness. Moreover, redundant systems generally use the same type of **equipment** in the separate channels. Manufacturing defects, wear-out effects, or changes in environmental conditions may result in common-cause failures over a **short** period of time, thus degrading the protection capability of the safety systems. Normal surveillance may not uncover many of these incipient **equipment** failures, but a neural-fuzzy expert system that continuously oversees the complex relationships of operating parameters among **system equipment** can rapidly discern deviations from normal behavior and make maintenance recommendations, including **replace** -or-repair decisions. (5 Refs)
Subfile: A B C
Descriptors: expert systems; fission reactor operation; maintenance engineering; neural nets; nuclear engineering computing
Identifiers: advanced plant maintenance; surveillance system; preventive maintenance; testing; plant downtime; maintenance outage; **control equipment** ; software-driven **equipment** ; diagnostic system; neural networks ; fuzzy expert systems; decision-making methods; Artificial Intelligence; computerized database; manufacturing defects; wear-out effects; common-cause failures; neural-fuzzy expert system; **replace** -or-repair decisions
Class Codes: A2843 (Fission reactor operation); B8220B (Nuclear reactors); C7470 (Nuclear engineering computing); C1230D (Neural nets); C6170K (Knowledge engineering techniques)
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17/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
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0000162755 INSPEC Abstract Number: 1918B00369
Title: The automatic hydro-electric generating station of the Iowa Railway and Light Co.
Author(s): Bonnett, L.B.
Journal: General Electric Review 20 p.918-923
Publication Date: Dec. 1917 Country of Publication: USA
Additional Citations: The Electrician 80 785-786 22 March 1918 UK
Language: English Document Type: Journal Paper (JP)

Abstract: An auxiliary station at Cedar Rapids, Iowa, comprising 3 vertical, 500-kv.a., 2-phase, 60-cycle, 2300-volt, 60 r.p.m. units working under 10 ft. head. Two 100-kw. induction-motor-driven exciters supply excitation, one only being large enough for 1.3 units. The station is 1000 yards from the 20,000-kw. steam station of the company and is connected by two one-phase concentric 600,000 circ.-mil. cables, 2300 volts. The units start and stop automatically by float **switch** control of the motor-operated gates, with the rise and fall of water in the forebay. They can be started and stopped by push-button from the steam station; for each unit is also a push-button which when opened shuts down the unit entirely and it cannot be automatically restarted until this button is reclosed. A motor-driven drum-type controller gives the correct sequence of operations, this motor being started in the first place by the float **switch** . The exciter induction motor is first run up, reaching speed in 3 secs. with full voltage and 6 times normal current. Next the motor-operated gate is opened enough to give the generator a free running speed of 70 cycles. The drum controller then stops until the generator speed reaches 55 cycles and is started again by a centrifugal **switch** on the generator shaft; after an interval of 2 secs. the generator is **switched** on to the bus-bars without field and in series with 20 per cent. reactance, the speed being then approximately 60 cycles. The controller moves on and the exciter increases the field of the generator, pulling it into synchronism and then raising it to full-load value, afterwards **short** -circuiting the reactance. Meantime the gate motor has come under the control of a contact-making ammeter, connected to a current transformer in the generator leads; this opens the gate until full-load current is flowing. The controller motor now stops in the full running position. Only 39 secs. elapse between the opening of the gate and the **switching** -in of the generator with reactance **short** -circuited and in 45 secs. the machine is on full load. An oscillogram is given showing the circuit conditions during these periods. The generators operate with fixed excitation, and if the water-level is too low to give full load, the highly excited generator takes care of the wattless kilo-volt-amps. of the system. Thermostats are installed in the bearings, and if overheating occurs the machine will be shut down. Details are given of the satisfactory operation of the plant under emergency and breakdown conditions. The cost of the automatic **control equipment** is not greatly in **excess** of the ordinary hand-operated switchboard. The description is clearly illustrated, showing details of all the auto-control gear.

Subfile: B
Descriptors: electricity and traction works
Identifiers: electricity and traction works (descriptive)
Class Codes: B8000 (Power systems and applications)
Copyright 2004, IEE

17/5/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC
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0000133716 INSPEC Abstract Number: 1908B00649
Title: A single-phase railway motor [with discussion and correspondence]
Author(s): Alexanderson, E.F.
Journal: Proceedings of the American Institute of Electrical Engineers 27 p.93-109
Publication Date: Jan. 1908 Country of Publication: USA
Additional Citations: Proceedings of the American Institute of Electrical Engineers 27 389-413 April 1908 USA ; Street Railway Journal 31 82-84 18 Jan. 1908 UK ; Electrical Engineering 3 279-280 20 Feb. 1908 UK
Language: English Document Type: Journal Paper (JP)
Abstract: The motor discussed in this paper may be called a "series

repulsion motor." The windings resemble those of a series motor, and the armature ad stator are permanently connected in series. A general diagram of the motor is shown in Fig. 1. The terminal voltage of the series repulsion motor can be selected with greater liberty than in a series motor, but not so arbitrarily as in the case of a repulsion motor. Its advantages over the straight compensated series motor are very marked. The commutation is so radically improved that resistance leads are unnecessary, and it is feasible to build the motors in larger capacities. In its performance it resembles the series motor with commutating poles, but offers several distinct advantages over the same. Instead of producing a commutating flux locally by coils on the stator, the conductors in the armature are located in such places where the desired flux will naturally exist. This arrangement simplifies the stator winding considerably. the compensating winding of the series motor is replaced by an inducing winding with twice as many turns, and the energy is introduced either in the stator alone or in the stator and rotor together. By this arrangement, as well be explained later, the starting torque is doubled for the same commutation and the same supply of current. The author then considers the commutation conditions in the repulsion and series motors and in the series repulsion motor. In the series repulsion motor the fundamental conditions necessary for good commutation may be obtained at any speed by varying the proportion between series and repulsion motor action. In the repulsion motor the armature currents are induced by the transformer action, but the distribution of the currents is substantially the same as for the series motor. This difficulty has led to the design of an armature winding as shown in Fig. 2, by which the e.m.f. due to the cutting of the active flux is eliminated. The magnetisation is produced by a separate stator winding, located symmetrically with respect to the brushes. This gives a distribution of the fields as shown in Fig. 2. The armature conductors under commutation are located on the edge of the field flux, so that both sides of the coil are under an equal flux of the same polarity. In this manner the two fundamental conditions for good commutation can be fulfilled in a series repulsion motor at any speed without the aid of commutation poles. Instead of creating a commutating flux artifically in a place where the commutated conductors happen to be, the conductors are located in a place where the correct flux will naturally exist. A comparative diagram of the alternating voltages in the short-circuited coils of a series repulsion motor for 25 ~, and for the same motor when used as a series motor for 15 and 25 ~ is given in the paper. Starting . The double starting torque is obtained by winding the stator with twice as many turns as the armature. The motor starts as a repulsion motor with the armature short-circuited. The field is in series with the stator circuit at starting and with the rotor circuit when running. At starting the rotor carries twice as much current as when running, in order to give the same field strength; in this manner doubling the starting torque. Control .-The alternating-current control equipment has a total of seven contactors and a reversing switch. Power Factor .- The author discusses the power factors of different types of motors. A series repulsion motor as developed for railway service has only one-third to one-quarter repulsion motor action, this being the proportion that gives sparkless commutation from synchronous to double synchronous speed. The lowering of the power factor due to magnetising current is therefore very slight, and with the greater liberty in design that is gained in the series repulsion motor the power factor is practically the same as in a series motor. Selection of Frequency .- In regard to the choice of frequency the series repulsion motor again gives greater liberty. It can be said in general that 25 ~ is entirely satisfactory for all geared motor work; it is preferable in that the combination of motor and transformer weighs less at 25 than at 15 ~. It is, however, the impression of the author that the only argument that remains for 15 ~ is the direct-connected motor for high-speed passenger locomotives. Economy of Material .- The motor described can be built in

larger capacities than the series motor. Furthermore, it is possible to increase the flux per pole without impairing the commutation. The motor is equally well applicable to direct and alternating current, while the armature is constructed according to standard direct-currant practice with the conductors soldered into the commutator bars. In the discussion , L. B. Stillwell referred to the opinions expressed in his paper with H. S. Putnam [Abstracts 1908B00417 and 1907B00800], that at 15 ~ the output of a given single-phase AC motor is from 25 per cent. to 40 per cent. greater than at 25 ~. He considered that this new motor will gain as much in ratio of output to weight at a given speed by reduction of frequency from 25 to 15 ~, as will the series-compensated motor. B. G. Lamme stated that he did not see that this motor does, or can accomplish more than has already been accomplished successfully by a properly designed series-compensating motor. He compared the new arrangement with the series-compensated type as applied to the New Haven locomotive motors which have a normal rating of 250 h.p. at 220 r.p.m. Tests on the New Haven motors show that it is utterly impracticable to start with normal induction in the field without preventive leads in the armature, for the short-circuit or local current is excessive and causes vicious and destructive sparking. The speaker cited tests on the locomotive equipped with two 500-r.p.m. motors, and exhibited at the Atlantic City Street Railway Convention, which showed that under certain conditions the locomotive was operated for 5 min. at speeds of from 2 to 3 miles per hour, representing less than one-tenth the normal rated speed of the motor, and this while exerting more than double torque. The motor was also held at a standstill for considerable periods, developing excessive torques in attempting to start with the brakes set. Under this condition a motor without preventive leads would unquestionably have been ruined. To meet such conditions in practice requires a motor that can be held at standstill for more than an instant when developing heavy torque. It is under this very condition that the motor with the preventive leads shows to great advantage over the one with excessive short-circuit currents, and without such leads. W. B. Potter called attention to a recent test of a series-repulsion motor having the same armature dimensions and number of poles as the series motor on the New Haven locomotives to which Lamme referred. He understood that this New Haven motor has a limiting tractive effort of about 5,000 lbs. The series repulsion motor on the basis of the same diam. of driving wheels gives a tractive effort in starting of 7,500 lbs. and good commutation up to 75 miles per hour. W. I. Slichter considered the running and starting conditions in the new type of motor. One of the immediate results of the development of this motor is the fact that it makes the need of 15 ~ for single-phase railway work a great deal less important. S. M. Kintner , referring to carbon-brush characteristics, said he had compiled data from a road operating approximately 100 single-phase commutator motors each of 100 h.p. capacity. The average car-miles per brush was 15,200 per month for 3 months. Another road reports an average of 13,000, the motors having been in operation over a year. C. P. Steinmetz discussed the development of the single-phase motor. He considered that the second and last serious problem of the alternating-current motor which still remained after Eickmeyer's work, the problem of commutation, has finally been solved by the work recorded in the present paper. The Author , in reply, stated that he had designed a repulsion motor for the same purpose and with the same outside dimensions as the New Haven 250 h.p. for 1 hour, 220-r.p.m. motor refered to by B. G. Lamme. This motor has been tested and has an output of 280 h.p. continuously and 350 h.p. for one hour at 220 r.p.m. This increase from 250 to 350 h.p. at the hourly ratings of the two motors is fully as high as the increase claimed by changing from 25 to 15 ~. In the series-repulsion motor the problem of commutation has been solved, and therefore the only field of usefulness for resistance leads would be at starting. If resisitance leads were the only solution to obtain good starting they would be used in the series-repulsion motor, which with resistance leads would give the same

increase in rated capacities, and the same improvement in commutation as would be effected by changing the frequency of the series motor from 25 to 15 ~. He gives the characteristic curves relating to a series-repulsion motor of 450-h.p. continuous output when running at 400 r.p.m. This motor delivered 800 h.p. at 310 r.p.m. with almost sparkless commutation. In answer to questions about the ability of the series-repulsion motor to exert a torque at standstill the author replied that motors have been tested with the armatures blocked and have given double their normal torque for 1 min. On one occasion a train of 250 tons was hauled by four motor **equipments** consisting of 125-h.p. motors. This train was started on a 1 per cent. grade, and as a further test two motors were cut out and the remaining two motors started this 250-ton train on the same grade. Fig. 1 Fig. 2

Subfile: B
Descriptors: electric motors
Identifiers: motors
Class Codes: B8300 (Power apparatus and electric machines)
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17/5/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC
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0000119106 INSPEC Abstract Number: 1904B02350
Title: Commercial practicability of electric traction by surface contacts [with discussion]
Author(s): Shawfield, C.E.C.
Journal: Tramway and Railway World 16 p.61-66
Publication Date: July 1904 Country of Publication: UK
Additional Citations: Street Railway Journal 24 71-75 9 July 1904 UK
Language: English Document Type: Journal Paper (JP)
Abstract: The author in this paper makes certain comparisons between the overhead system and the surface-contact system which has been under his control for the past two and a half years at Wolverhampton. Safety. - In comparing the respective advantages from the point of view of safety of the overhead and surface-contact systems, it is evident that only one source of danger need be seriously considered - namely, that of electric shock, as practically all other risks are common to electric traction. In the case of the surface-contact system, the only portion of the apparatus exposed to the public from which a shock could be obtained is the metal stud in the centre of the track, and this can only remain or become alive (except when it is covered by a car) in the event of some failure of, or defect in, or damage to, the mechanism which operates it. The records of defective boxes during the past twelve months show that a total of 109 boxes were found more or less alive, 59 of which were alive at an e.m.f. of over 50 and under 500 volts. The presence of a metallic stud in the street charged at a pressure of 500 volts does not, in the author's opinion, imply that the stud is capable of transmitting a dangerous shock to any animal or person standing thereon, as, owing to the comparatively high resistance of the conducting path formed by the charring of the interior of the cup, the quantity of current that can pass is exceedingly small. With reference to the cups damaged by **short** -circuits, recent experiments made by the author show that the degree of damage entirely depends upon the time element of the circuit-breaker controlling the main feeder. When the traction switchboard was installed at the power station the possibility of the adoption of a surface-contact system had not been considered, and the circuit-breakers for the tramway feeders were specially designed to give a comparatively slow break. Experience has shown, however, that this is the worst type of a apparatus for use, and the author is now **replacing** the original type with others of a new type, and he has every reason to believe

that the alteration will very greatly reduce the number of defective boxes in future. In so far as the question of safety is concerned, the author concludes that the balance of advantage lies with a well-designed surface-contact system. Reliability of Operation. - The author has kept strict record of every delay occurring on the Wolverhampton system, which shows that out of 173 car-miles lost in 12 months due to defect in the surface-contact system, 27 were due to the track, and 146 to the cars themselves; this working out to an average of 3 1/3 car-miles per 10,000 run. In the surface-contact system, as installed at Wolverhampton, any accident or breakdown can only affect one, or in very rare cases two boxes, and the momentum of the car is sufficient to enable it to coast over the **short** length of track thus disabled. Further, any faulty box can be removed and **replaced** by a new one in an average time of 15 min. without any interruption of service, while in an accident of any kind to the overhead **equipment** tit usually means the putting out of service temporarily from a quarter to half mile of route, and a total cessation of traffic along the section affected for a more or less lengthy period. Cost of Operation and Maintenance. - The expenditure on the maintenance of the contact system at Wolverhampton for the past 12 months works out at Pounds21 6s. per mile of single track or at 0.11d. per car-mile. In respect of car **equipment** , the cost per car per annum was Pounds12 9s., or per car-mile 0.144d. The latter **item** is in the author's opinion normal, and considerably in **excess** of what may be expected in future. It is impossible to obtain reliable figures as to the cost of inspection and maintenance of the trolley wheels, poles, and standards in the case of the overhead system, as records are not apparently kept, but it is probable that the car **equipment** of the overhead system can be more cheaply maintained than that of a surface-contact system. One of tech most serious disadvantages of the surface-contact system is the increased consumption of electrical energy involved, of which there are three causes: (1) The energy required to operate the circuit-closing mechanism of the **track equipment** . (2) The additional energy necessary for the propulsion of the cars owing to the extra weight of the special apparatus carried on the cars. (3) The surface leakage from box to rail over the paving under each car. The average current consumption for the 12 months worked out at 1.49 units per car-mile. Of this the additional current consumption due to the weight of the Lorain **equipment** is approximately equal to 0.13 unit per car-mile, and the total additional current consumption to be debited against the surface-contact system is 0.24 units per car-mile, or approximately 19 per cent. more than would have been required by the overhead system Disfigurement of Streets and Obstruction to Traffic. - This, in the case of the overhead system, is obvious; while it is claimed for the surface-contact system that it offers less impediment to the free use of the streets and side-walks than any other system, and on the score of appearance it may be said that it is the least conspicuous and objectionable of any other system. Conclusions. - These may be summed up as follows: A well-designed and carefully installed surface-contact system is superior to the overhead trolley system in respect of the questions of safety, reliability disfigurement of streets, and obstruction to traffic. The overhead system is considerably cheaper, both as regard the capital cost of installation and the annual cost of operation and maintenance. For tramway systems where low initial cost and annual charges are the first consideration, and especially for light railway in thinly populated districts, the overhead at watering-places and other pleasure resorts, the surface-contact system has many claims for serious consideration in preference to the overhead trolley system. Cost of Installation. - It may be taken that first-class overhead construction costs from Pounds1,500 to Pounds2,000 per mile of route, whether double or single, whereas the cost of the surface-contact system will be from Pounds42,000 to Pounds2,500 per mile of single track.

Note: Paper read at Annual Meeting of the Municipal Electrical Assoc., June 29, 1904.
Subfile: B
Descriptors: costing; electric propulsion; traction
Identifiers: costs; traction, electric (excluding accumulator traction and descriptions of power stations)
Class Codes: B8520 (Transportation)
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Set	Items	Description
S1	2911299	SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDERSTOCK OR UNDER()STOCK
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S4	3105125	CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWITCH???
S5	699017	EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6	636346	IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7	355	S1(S)S2(S)S3
S8	3915	S5(S)S6(S)S3
S9	9	S7(4S)S8
S10	9	RD (unique items)
S11	239381	(INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR TRACK?)
S12	10527	S1(15N)S5
S13	88	S2(15N)S6
S14	0	S11(4S)S13
S15	1	S11 AND S13
S16	69	S12(15N)S4
S17	429	S12(S)S4
S18	27	S11(4S)S17
S19	28	S15 OR S18
S20	28	RD (unique items)
S21	1	S20 NOT PY>2001

File 20:Dialog Global Reporter 1997-2007/Apr 04
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21/3,K/1
DIALOG(R)File 20:Dialog Global Reporter
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02767565 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Waste not
ELECTRONICS TIMES, pPage 4
September 07, 1998
JOURNAL CODE: FETS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 99

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...life electronic equipment.

Based in Glasgow, CoverTronic UK will be serving the British market for **inventory management** in all areas of electronics waste, including the recovery, reuse and recycling of PCBs.

... the impending waste legislation. He says CoverTronic aims to become one of the leading companies **in** the **field** of electronic components recovery, **reuse** and remarketing as well as electronics recycling.

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Set     Items   Description
S1    1140735   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
            OR UNDERSTOCK OR UNDER()STOCK
S2      36172   RE()USE OR REUSE OR USE()AGAIN
S3    7365095   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1424948   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
            CH???
S5     450415   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     368526   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        190   S1(S)S2(S)S3
S8        760   S5(S)S6(S)S3
S9          0   S7 AND S8
S10    149111   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
            OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
            TRACK?)
S11     16808   S1(S)S5
S12       577   S2(S)S6
S13        11   S10 AND S12
S14       707   S11(S)S4
S15        11   S10(4S)S14
S16        30   S10 AND S14
S17        41   S13 OR S16
S18        19   S17 NOT PY>2001
S19        19   RD  (unique items)
File  15:ABI/Inform(R) 1971-2007/Apr 04
         (c) 2007 ProQuest Info&Learning
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         (c) 2007 Business Wire.
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         (c) 2007 San Jose Mercury News
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19/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02495036 117543622
The manager's guide to internal control: diary of a control freak
Pickett, K H Spencer
Management Decision v37n2 PP: 93 1999
ISSN: 0025-1747 JRNL CODE: MGD
WORD COUNT: 90354

...TEXT: s still higher than normal. Could I be so bold as to ask whether you' **re** having problems at work, at all?"

Bill responded quickly. "Well yes, as it happens. Things...that depends on being able to check that something that should be there, is there. **Stock** checks, **inventory** reconciliations, inspections, asset checks and regular call-backs for assets used outside the office, means...will discharge the requirements of the new initiative. It may indicate a need for training **in** communication skills, listening skills, awareness of conflict management and negotiation skills. It may require some...

19/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02328414 86926421
Civil aircraft maintenance and support Fault diagnosis from a business perspective
Knotts, Robert M H
Journal of Quality in Maintenance Engineering v5n4 PP: 335-347 1999
ISSN: 1355-2511 JRNL CODE: QMGR
WORD COUNT: 3691

...TEXT: the labour and material expenditures which contribute to activities such as administration, supervision, tooling, test **equipment** , facilities, **record** keeping etc. Over a 30-year aircraft life DMCs make a significant contribution to an...

...financial penalties if DMCs exceed agreed specified levels.

Other important criteria are servicing turnaround time, **system** and **equipment** reliability and maintenance down time. The increasing complexity of systems places demands on system maintenance...try and remember test procedures and related maintenance activities, contributing to unstructured fault finding and **excessive** down time. Related equipment removals may well be classified as NFF, adding unacceptable expenditure to...assisting technicians lacking system expertise, and which allows prediction and update of diagnosis times. In **short** a rugged PC, offering access to all relevant data and information, **replaces** numerous publications and serves as an electronic toolkit for use by technicians at the work...

19/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02189192 72652273
Find the right tool

Gilbert, Alorie
Informationweek n836 PP: 74-77 May 7, 2001
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 945

...TEXT: change the way you do some processes."

Another frontier of manufacturing collaboration is supply-chain **management** and **inventory control** . Tools from Adexa, J.D. Edwards, i2 Technologies, Logility, Manugistics, Oracle, SAP, SynQuest, SeeCommerce, Viewlocity, and WebPlan let manufacturers create and share demand forecasts and production plans with suppliers, **monitor inventory** and supplier performance, and track and resolve glitches in their plans, such as a late ...

...Niku, Novient, Opus 360, PeopleSoft, and Portera are providing new levels of collaboration and communication **in service** industries, particularly IT services. These tools let companies track skills, experience, and availability of consultants...
...plans and proposals for new business. The benefits include creation of more-efficient work teams, **reuse** of existing intellectual capital, and more profitable projects.

Peer-to-peer technology is evolving a...

19/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02089895 63966216
Facilitating interorganizational learning with information technology
Scott, Judy E
Journal of Management Information Systems v17n2 PP: 81-113 Fall 2000
ISSN: 0742-1222 JRNL CODE: JMI
WORD COUNT: 13592

...TEXT: learning via a feedback mechanism using explicit knowledge encoded in information systems. IT monitors and **tracks inventory** levels, orders, and quality performance in a timely manner. The immediate or fast feedback enables...

...needs to be receptive to opportunities for exploiting IT capabilities, yet realize IT limitations, both **short** -term and long-term. Some limitations of IT may lessen as IT performance improves relative...

...value. Underinvestment in IT was common in the disk drive industry. Nevertheless, IT cannot always **substitute** for face-to-face communications. Management should understand the importance of high levels of interaction...
...create a culture that knows how to exploit IT. For example, the high risk from **excessive** inventory that rapidly becomes obsolete has been a recurring problem in the disk drive industry...

19/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02040054 55481861

A longitudial analysis of technical and organizational uncertainty in management theory
Weitz, Ely; Shenhav, Yehouda
Organization Studies v21n1 PP: 243-265 2000
ISSN: 0170-8406 JRNL CODE: ORS
WORD COUNT: 8472

...TEXT: empirical analyses for the period 1879-1932 make use of primary data; they do not **re - use** and interpret secondary materials. The data are compiled from the American Machinist and the. Engineering Magazine, the premier trade journals **in** the **field** , the central forums for discussion and main sources of documentation of management techniques and practices... relations, personnel, employment bureaus, organization, administration, organization structure, methods and policies regarding wages, production and **inventory control** , policies regarding recruitment and separation of workers, labour markets, and economic issues. This was done...

19/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01913565 05-64557
The art of asymmetry
Foster, Robert
Telephony v237n16 PP: 74-80 Oct 18, 1999
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 1898

...TEXT: enabling the service provider to deploy with contiguous or non-contiguous spectral blocks. Sparing and **inventory tracking** is simplified because the TDD radio can operate over the entire band of interest.

Play...

...to-hub interference, which is an identical problem in TDD and FDD systems.

A frequency **reuse** plan for TDD demonstrates its viability in a cellular-like environment. **Reuse** plans have been developed for 30-, 45- and 60-degree sectorizations, and grade-of-service simulations have been performed for large-scale systems. A TDD **reuse** methodology can exploit the availability of spectrum to provide complete coverage across a multicell network while holding a portion of the spectrum **in** reserve. **Service** providers can then reserve spectrum to mitigate interference arising from systems operating at the basic...

19/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01912846 05-63838
A system dynamics model of cyclical office oversupply
Kummerow, Max
Journal of Real Estate Research v18n1 PP: 233-255 Jul/Aug 1999
ISSN: 0896-5803 JRNL CODE: JRR
WORD COUNT: 6701

...TEXT: have been used to simulate a droplet of rocket fuel, species extinctions, predator/prey systems, **inventory control** , transportation systems, manufacturing processes, military battles, disease contagion, urban growth and development, Earth's carrying...

...presented MIT MBA with students a simple two feedback loop model posing pricing, production and **inventory control** problems similar to those faced by office market decision-makers. Subjects showed a tendency towards ...the discrepancy will be zero and no supply adjustment will occur.7 If there is **excess** supply, the supply change called for is also zero. This implies that buildings are not demolished or **converted** to other uses, a simplifying assumption.8 Once a space **shortage** occurs in the model, the system adjusts to eliminate the discrepancy, constrained by exogenous supply...3 Similar dynamics-demand shock, order increase, backlog, catch up and oversupply-occur in many **inventory control** problems. Senge (1990) presents a "beer game" **inventory control** model in which inventory adjustments and delivery backlogs tend to magnify a small demand shock...

...by Torto-Wheaton, a Boston forecasting firm.

Footnote:

16 Similar cobweb cycles are observable in **inventory control** and predator prey systems. For example, the three years required to produce beef animals leads...

19/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01831001 04-81992
Optimal policy for a periodic review returnable inventory system
Buchanan, D J; Abad, P L
IIE Transactions v30n11 PP: 1049-1055 Nov 1998
ISSN: 0740-817X JRNL CODE: AIE

Optimal policy for a periodic review returnable inventory system

...DESCRIPTORS: **Inventory management**

ABSTRACT: A paper considers the **inventory control** problem in a periodic review returnable system. In a returnable system, containers are returned by consumers to the manufacturer for **reuse** . It views the returns in a given period to be stochastic function of the number of containers out **in** the **field** . Using dynamic programming, it derives the optimal **inventory control** policy for the system.

19/3,K/9 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01692856 03-43846
The performance paradox
Cohen, Harlow B
Academy of Management Executive v12n3 PP: 30-40 Aug 1998
ISSN: 1079-5545 JRNL CODE: AEX
WORD COUNT: 7749

...TEXT: For example, confronted by the need to reduce inventory, many managers will recommend a new **inventory system** , an upgrade to the existing MRP system, or the like. Unfortunately, when the single strategy ...operation. The belief was that little or nothing could be done to eliminate scrap without **replacing** the old furnaces in heat treat with new and very expensive ones. As the project...

...the team learned that operations gave insufficient notice to production planning. To compensate for the **short** lead times, production planning increased the lot size to meet monthly production requirements. Valve stems ...

...added weight of the larger lots as they went through the furnaces. This practice caused **excess** scrap. Once this insight revealed itself and the prior assumption was discarded, scrap at the...

19/3,K/10 (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01617059 02-68048
Stop whining, start learning
Frasco, Marianne
Brandweek v39n14 PP: 20 Apr 6, 1998
ISSN: 1064-4318 JRNL CODE: IADW
WORD COUNT: 667

...TEXT: on the account's market penetration.

Third, get dirty. Manufacturers are long on data but **short** on evaluation. To put co-marketing in a totalbrand context, there's no **substitute** for digging through the details, store by store. Total up the results of comarketing programs...

...country on a per-store basis. Then check warehouse shipments, scanner sales and out-of- **stock reports** to see the promotion's longer-term impact on the brand, category and store. Did you spur volume, but create **excess** inventory backlogs? Did you leave holes in the shelf by underestimating demand? By factoring in...

19/3,K/11 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01130686 97-80080
Enterprising tools look beyond GUI
Hanna, Mary
Software Magazine v15n13 PP: 49-59 Dec 1995
ISSN: 0897-8085 JRNL CODE: SMG
WORD COUNT: 2179

...TEXT: said REI has more than 300 stores, each with a customer service desk that handles **inventory management** , sales history, and manufacturer and product data.

Performance problems recently drove REI to revamp its...lose the satisfaction of our customers," he said.

For clothing manufacturer Lee Company, Merriam, Kansas, **reuse** was a determining factor in its development tool selection, said Systems Analyst Jeff Unger. The...

...a new application for account executives. "The new application has to support the account executive **in** the **field** who is managing inventory and sales at the retail store

19/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00857063 95-06455
System framework for process flow industries
Bolander, Steven F; Taylor, Sam G
Production & Inventory Management Journal v34n4 PP: 12-17 Fourth Quarter 1993
ISSN: 0897-8336 JRNL CODE: PIM
WORD COUNT: 3174

...TEXT: and labor considerations.

In some commodity industries, products may be exchanged (chemical industry terminology) or **swapped** (primary metals terminology). Exchange or swapping agreements between two producers provide for exchanging product at ...

...term supply contracts for critical raw materials are negotiated and supply strategies formulated. Finally, capacity **shortage** or **excess** strategies are formulated to handle different demand conditions.

Plant and process-train plans disaggregate division...1981.
2. --and S. C. Taylor. "Process Flow Scheduling: Mixed Flow Scheduling Cases." Production and **Inventory Management** Journal 31, no. 4 (1990): 1-4,

3. Foley, M. J. "Post-MRP II: What...

...S. F. Bolander. "Process Flow Scheduling in a High Volume Repetitive Manufacturing Environment." Production and **Inventory Management** Journal, 33, no. 4 (1992): 21-26.

6. Taylor, S. G., S. M. Seward, S...

...and R. C. Heard. "Process Industry Production and Inventory Planning Framework: A Summary." Production and **Inventory Management** 22, no. 1 (1981): 15-33.

7. --, S. M. Seward, and S. F. Bolander. "Why the Process Industries are Different." Production and **Inventory Management** . 22, no. 4 (1981): 9-24.

8. --and S. F. Bolander. "Process Flow Scheduling: Basic Cases." Production and **Inventory Management** Journal 31, no. 3
9. --and S. F. Bolander. "Process Flow Scheduling Principles." Production and **Inventory Management** Journal 32, no. 1 (1991): 67-71.

10. Umble, M. M. and M. L. Srikanth...International, he was in charge of the design and development of a computer-based production/ **inventory**

control system . His research interests are in planning and scheduling systems for process industry firms. Steve is...

19/3,K/13 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00741398 93-90619
Environmentally conscious product design through total quality management
Paton, Bruce
Total Quality Environmental Management v2n4 PP: 383-396 Summer 1993
ISSN: 1055-7571 JRNL CODE: TQE
WORD COUNT: 4726

...TEXT: avoid adverse environmental and cost effects, all products should be designed with materials that permit **reuse** or recycling. Currently, circuit boards for many products can be reused **in** the **service** and repair channels. However, plastic enclosures and many other parts may be difficult or expensive...

...Three processes are particularly important to consider in design-for-environment systems: packaging, forecasting and **inventory management** , and distribution.

Packaging is the most visible design-for-environment issue in most parts of ...

...designs that use less material, improved materials, and that are engineered for reuse or recycling.

Inventory management has become an important manufacturing strategy in recent years. Companies have worked very hard to improve their forecasting systems to minimize the volume of unsold products. However, **inventory management** remains a huge source of unnecessary costs to many firms. At the same time, it...

19/3,K/14 (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00703132 93-52353
A simple model of Irving Fisher's price-level stabilization rule
Humphrey, Thomas M
Economic Review (Federal Reserve Bank of Richmond) v78n6 PP: 12-18 Nov/Dec 1992
ISSN: 0094-6893 JRNL CODE: ERR
WORD COUNT: 5379

...TEXT: with bank reserves as prescribed in his book, there can be no slippage in money- **stock control** to disqualify money as the policy instrument. For that matter, little slippage would occur in...a proportional feedback rule.

NOTES

(1) This equation admits of a straightforward derivation. Define an **excess** supply of money x as he surplus of money m over the demand for it kpq, or x = m - kpq. Assume this **excess** money supply spills over into the

commodity market to underwrite an **excess** demand for goods g. In **short** , x = g. The **excess** demand for goods in turn puts upward pressure on prices, which rise in proportion to the **excess** demand, or (equation omitted) , where alpha is the factor of proportionality. **Substitution** of x for g and m - kpq for x yields the equation of the text...

19/3,K/15 (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00638124 92-53064
The Dumbest Marketing Ploy
Sellers, Patricia
Fortune v126n7 PP: 88-94 Oct 5, 1992
ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 2941

...DESCRIPTORS: **Inventory management** ;
...TEXT: now is public traded, management in January gave up an illogical way of selling batteries. **Short** -term promotions 32 weeks of the year produced some 90% of company volume. So making...

...peak-and-valley pattern that had little to do with consumer demand. Since Duracell has **switched** off the temporary deals and discounts, retailers have been robbed of a reason to **overstock** . To get them to keep pushing the batteries, Charles Kiernan, president of the U.S...

19/3,K/16 (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00637329 92-52269
Activity-Based Systems: Measuring the Costs of Resource Usage
Cooper, Robin; Kaplan, Robert S.
Accounting Horizons v6n3 PP: 1-13 Sep 1992
ISSN: 0888-7993 JRNL CODE: ACH
WORD COUNT: 7831

...DESCRIPTORS: **Inventory management** ;
...TEXT: forecasted product volume and mix, and existing production processes. For resources forecasted to be in **short** supply, the analysis provides a justification for additional spending to increase resource availability. For a resource forecasted to be in **excess** of predicted demands, managers can be requested to reduce the availability and hence the expenses...

...They can reduce the unused capacity by selling or scrapping machinery without replacement, by not **replacing** employees who retire or leave the organization voluntarily, by redeploying employees from activities where they...

19/3,K/17 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2007 Business Wire. All rts. reserv.

00416330 20001127332B4224 (USE FORMAT 7 FOR FULLTEXT)
Arrow Electronics Successfully Completes Integration of Wyle

Electronics-Industry's Largest Systems Integration To Date
Business Wire
Monday, November 27, 2000 16:08 EST
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 677

TEXT:
...s prior statements, combining Wyle Components and
Wyle Systems into Arrow should yield savings in **excess** of $80 million annually.
"We began working on the integration of Wyle only 16 weeks ago, and our ability to completely merge a $2+ billion company in this **short** time frame is
a tribute to the remarkable skill, tenacity, and energy of the over...

...facilities,
and 1,100 employees. Even more impressive is that our MIS conversion team was
converting and integrating four separate Wyle computer systems to Arrow's MIS
platform, including 222,000 Wyle **inventory** **records** , 75,000 open customer
orders, 24,089 open purchase orders, nearly 50,000 design-win...

19/3,K/18 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2007 Business Wire. All rts. reserv.

00404115 20001108313B1635 (USE FORMAT 7 FOR FULLTEXT)
IBM and Dassault Systemes Deliver CATIA Version 5 Release 5; New Release of the World's Leading CAD/CAM/CAE System Features 10 New Products
Business Wire
Wednesday, November 8, 2000 02:07 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 979

TEXT:
...of CATIA V5 applications in such domains
as mechanical design, shape design and styling, analysis, **equipment** and **system**
engineering, NC manufacturing and product synthesis. With these additions, CATIA V5 covers all stages of...

...digital enterprise,
thus creating and simulating the entire product lifecycle from initial concept
to product **in** **service** . CATIA, DELMIA and ENOVIA solutions support industry-specific business processes to help unleash creativity and...

...digital product,
processes and resources. The combined integration creates the Digital Product
lifecycle Pipeline, supporting **reuse** of corporate knowledge. SolidWorks and
Smart Solutions, as Dassault Systemes companies, offer respectively 3D design...

19/3,K/19 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0497816
FEDERAL SIGNAL ANNOUNCES 9 PCT INCREASE IN 1992 2ND QUARTER NET INCOME

DATE: July 16, 1992 10:41 EDT WORD COUNT: 946

...s
results. This was largely due to Superior's reduced profitability resulting from the anticipated **short** -term effects of the Canadian recession. Also, Ravo, which was acquired at the end of 1990, had a large, **excessive** backlog at that time which was **converted** to sales in the first three quarters, and especially the second quarter, of 1991. This...

...Emergency One and Superior), ambulances (Frontline), street sweeping vehicles (Elgin Sweeper and Ravo International), parking **control** **equipment** (Federal APD), custom on-premise signage (Federal Sign), carbide cutting tools (Manchester Tool and Bassett...

```
Set     Items   Description
S1    2424936   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2     107266   RE()USE OR REUSE OR USE()AGAIN
S3   25493384   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
            CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    4067647   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
            CH???
S5     970608   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     878990   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7     570616   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
             OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
            TRACK?)
S8      26487   S1(S)S5
S9       2697   S2(2S)S6
S10      1314   S8(S)S4
S11        29   S7(4S)S9
S12        26   S7(4S)S10
S13        55   S11 OR S12
S14        33   S13 NOT PY>2001
S15        27   RD  (unique items)
File   9:Business & Industry(R) Jul/1994-2007/Apr 03
         (c) 2007  The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Apr 03
         (c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Apr 03
         (c) 2007 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2007/Apr 03
         (c) 2007 The Gale Group
File  16:Gale Group PROMT(R) 1990-2007/Apr 03
         (c) 2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Mar 26
         (c)2007 The Gale Group
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15/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2007 The Gale Group. All rts. reserv.

01642959 Supplier Number: 24379109
Waste not
(CoverTronic sets up UK office to process recycling of used electronic equipment)
Electronics Times (Online) , n 916, p 4
September 07, 1998
DOCUMENT TYPE: Journal ISSN: 0142-3118 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 97

TEXT:
...life electronic equipment.

Based in Glasgow, CoverTronic UK will be serving the British market for **inventory management** in all areas of electronics waste, including the recovery, **reuse** and recycling of PCBs.

Douglas Norris, marketing manager for CoverTronic UK, believes the UK electronics...

...the impending waste legislation. He says CoverTronic aims to become one of the leading companies **in** the **field** of electronic components recovery, **reuse** and remarketing as well as electronics recycling.

15/3,K/2 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

02500518 SUPPLIER NUMBER: 74225335 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Find The Right Tool -- Not just any collaborative software will work for you.(Industry Trend or Event)
(agilbert@cmp.com), Alorie Gilbert
InformationWeek, 74
May 7, 2001
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1029 LINE COUNT: 00093

... change the way you do some processes."
Another frontier of manufacturing collaboration is supply-chain **management** and **inventory control** . Tools from Adexa, J.D. Edwards, i2 Technologies, Logility, Manugistics, Oracle, SAP, SynQuest, SeeCommerce, Viewlocity, and WebPlan let manufacturers create and share demand forecasts and production plans with suppliers, **monitor inventory** and supplier performance, and track and resolve glitches in their plans, such as a late ...

...Niku, Novient, Opus 360, PeopleSoft, and Portera are providing new levels of collaboration and communication **in service** industries, particularly IT services. These tools let companies track skills, experience, and availability of consultants...

...plans and proposals for new business. The benefits include creation of more-efficient work teams, **reuse** of existing intellectual capital, and more profitable projects.
Peer-to-peer technology is evolving a...

15/3,K/3 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2007 The Gale Group. All rts. reserv.

02715577 Supplier Number: 66691911 (USE FORMAT 007 FOR FULLTEXT)
IBM and Dassault Systemes Deliver CATIA Version 5 Release 5; New Release of the World's Leading CAD/CAM/CAE System Features 10 New Products.
Business Wire, p2692
Nov 8, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 926

... of CATIA V5 applications in such domains as mechanical design, shape design and styling, analysis, **equipment** and **system** engineering, NC manufacturing and product synthesis. With these additions, CATIA V5 covers all stages of...

...from the many advantages of CATIA V5, including ease-of-use, flexibility, scalability, capture and **reuse** of knowledge, improvement of cycle times, reduction of costs, and increase in competitiveness. Said Ed ...

15/3,K/4 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

04663478 Supplier Number: 62237821 (USE FORMAT 7 FOR FULLTEXT)
WASTE ELECTRICAL EQUIPMENT: INDUSTRY PREPARED TO ORGANISE VOLUNTARY SCHEME.
European Report, pNA
May 20, 2000
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1149

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...covers incentives to reduce the number of waste electrical and electronic appliances and promote the **re - use** and recycling of waste along with reducing the environmental impact of waste treatment and harmonising...information technology equipment, telecom equipment, radios, televisions and videos, sound systems, musical instruments, lighting, medical **equipment** , **monitors** and surveillance equipment, toys, electric and electronic tools and vending machines. The Directive will also...for enhancing recycling - in terms of product design (promoting products designed for easy repair, upgrading, **re - use** , dismantling and recycling) - and ensuring manufacturers abide by common standards for coding parts and material...to take action to address environmental concerns and that European companies are leading the world **in** this **field** with the EU SAVE energy efficiency programme, for example. Their press release pointed out, however...

15/3,K/5 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

04609987 Supplier Number: 60585350 (USE FORMAT 7 FOR FULLTEXT)
Don't Sidestep Sprayer Cleanup.
Ritchie, James
Soybean Digest, pNA
March 31, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 622

... rapid corrosion."
Most custom applicators have secondary containment and a concrete apron where they clean **equipment** , **reports** Terry Knipmeyer, with Riggins Co., a spray equipment dealer in Marshall, MO. "They catch the rinsate and **reuse** it the next time they're mixing chemicals for that same crop. Not all farmers...50 or 100 gallons of fresh water. When you're finished spraying, flush the sprayer **in** the **field** and spray the rinsate on the crop you have been spraying, says Casady.
"Even if...

15/3,K/6 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

03743453 Supplier Number: 48095377 (USE FORMAT 7 FOR FULLTEXT)
MARETS:Opportunities Exist in The Netherlands
Waste Treatment Technology News, v13, n12, pN/A
Nov 1, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 546

... for countries in Eastern and Western Europe. Germany is the major foreign supplier of waste **management** **equipment** on the Dutch market with a 60% share.
In The Netherlands, municipalities collect about 70...

...Ferris Industries (BFI) with annual revenues of approximately US$265 million. BFI is a leader **in** the **field** of waste separation and recycling. The second largest company in the Dutch market is Waste...

...The present policy of the Dutch government is to enforce stricter regulations on waste and **reuse** of waste. A major part of the investments has been made to meet environmental norms...

15/3,K/7 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

03742913 Supplier Number: 48094706 (USE FORMAT 7 FOR FULLTEXT)
WASTE MANAGEMENT:Opportunities Exist in the Netherlands
Industries In Transition, v25, n7, pN/A
Nov 1, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 540

... for countries in Eastern and Western Europe. Germany is the major foreign supplier of waste **management** **equipment** on the Dutch market with

a 60% share.
In The Netherlands, municipalities collect about 70...

...Ferris Industries (BFI) with annual revenues of approximately US$265 million. BFI is a leader **in** the **field** of waste separation and recycling. The second largest company in the Dutch market is Waste...

...The present policy of the Dutch government is to enforce stricter regulations on waste and **reuse** of waste. A major part of the investments has been made to meet environmental norms...

15/3,K/8 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

02141709 Supplier Number: 44001366 (USE FORMAT 7 FOR FULLTEXT)
Radiation
Louisiana Industry Environmental Advisor, v8, n9, pN/A
August, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1640

... the potential radiological hazards that could be present. The rules also require periodic calibration of **monitoring equipment** , evaluation of personal dosimeters and precautions against deceptive exposures of individual monitoring devices. Individual devices locked when access is not required. Other control measures may be **substituted** with division approval, and are not necessary in areas so designated only because of the **short** -term (no more than three days) presence of materials packaged and labeled for transportation, which do not exceed a dose rate in **excess** of 0.1 mSv(0.01 rem) per hour. Access to very high radiation areas...

15/3,K/9 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

01344445 Supplier Number: 41611123 (USE FORMAT 7 FOR FULLTEXT)
SONET: AT&T NETWORK SYSTEMS INTROS IT'S NEXT GENERATION
EDGE, on & about AT&T, v5, n116, pN/A
Oct 15, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 320

... Unit on the 5ESSR-2000 Switch module, it will offer increased services, and cost effective **inventory management** made possible by the **reuse** of channel shelves.
The features of the SLC-2000 Access System reflect the expressed needs ...

...of the company's Service Net-2000 architecture. Among these features are:
- Downloadable software allowing **in - service** upgrades and eliminating downtime;
- An increase in capacity from 192 to 768 lines. Also, it...

15/3,K/10 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

04343262 Supplier Number: 46369813
Sidel - Company Report
Investext, p1-20
May 7, 1996
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...s US operations depends partly on Coca-Cola and PepsiCo's decision on whether to **convert** from aluminum cans to 12oz PET bottles. They are confronted with the problem of carbonation retention, which results in too **short** a shelf life. In Europe, PET price hikes led beverage producers to refrain from **converting** to PET. The **excess** PET demand to supply of approx. 100,000 tonnes should be eliminated through new capacity...

...materials to PET, the long term global PET packaging trend remains positive.x0D Tables in **report** : **Stock** Price And Earnings Data 1995-98; Historical Valuations 1993-95; Determination Of Dividend 1996-2005...

15/3,K/11 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

02281559 Supplier Number: 42983005 (USE FORMAT 7 FOR FULLTEXT)
Slight gains seen for centers: Industry is in transition: Sharkey
American Metal Market, p1
May 11, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 500

... which also destabilize a market and attract talented people to the steel industry," Sharkey said.
Excess capacity plagues the market in the **short** term as new, more-efficient technology **replaces** older equipment, but that will eventually clear itself up, he said.
"There will be more...

...get, Sharkey said, as the investment threshold to restart an operation will become too high.
Inventory management has become more sophisticated, with less material purchased for inventory and more for specific customers...

15/3,K/12 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2007 The Gale Group. All rts. reserv.

02235892 Supplier Number: 42917130
General Re - Company Report
Investext, p1-3
April 15, 1992
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...Almost all of General Re's treaty business, especially casualty lines, is written on an **excess** of loss (nonproportional) basis. General Re also underwrites a substantial facultative account. Typically, these are...

...this business is expected to fluctuate between 40% and 60% of total premiums over the **short** term, falling toward 40% as the industry downturn reaches a bottom in 1992/93. General Re began developing an interest rate **swaps** operation late in 1990, recording a profit in November 1991. The company has chosen to...

...The effect of this change will be to eliminate fresh start tax benefits. Tables in **report** : **Stock** Price, Earnings Data & Rating 1991-93; Earnings Model By Division 1989-94
The INVESTEXT database...

15/3,K/13 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

0019868685 SUPPLIER NUMBER: 78789533 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Virtual Partnering For Transactional and Relational Competitive Advantage.
Fitzpatrick, William M.; Burke, Donald R.
Global Competitiveness, 8, 1, 1
Annual, 2000
ISSN: 1071-0736 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 7754 LINE COUNT: 00711

... this task by (1) providing manufacturing firms with marketing data as well as information on **inventory control** , production planning, capital investment and raw material supplies; and (2) developing channels of distribution, warehouse...

15/3,K/14 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

11582645 SUPPLIER NUMBER: 54955831 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Optimal policy for a periodic review returnable inventory system.
Buchanan, D.J.; Abad, P.L.
IIE Transactions, 30, 11, 1049(7)
Nov, 1998
ISSN: 0740-817X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3438 LINE COUNT: 00282

...AUTHOR ABSTRACT: in a given period to be a stochastic function of the number of containers out **in** the **field** . Using dynamic programming, we derive the optimal **inventory control** policy for the system.
... two state variables in the model: Inventory of consumable units and the number of units **in** the **field** . Returns in a given period is assumed to be a random fraction of the number of units **in** the **field** . The planning horizon is assumed to be finite. We derive the structure of the optimal...

15/3,K/15 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

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11049195 SUPPLIER NUMBER: 54658465 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Correspondence lesson 3: process controls.
Rosenberg, Paul
EC&M Electrical Construction & Maintenance, 98, 4, 45(4)
April, 1999
ISSN: 0013-4260 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2299 LINE COUNT: 00187

...ABSTRACT: Motion control systems dictates the motion of the items being manufactured or modified while limit **switches** are devices that open or close when an item reaches its preset location. Moreover, symbols represent the **switch** in four different states. Finally, solid-state equipment prevent **excessive** current conditions from happing even during a **short** circuit.

15/3,K/16 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

10033940 SUPPLIER NUMBER: 20328508 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Levi Strauss shrinks to fit U.S. market. (downsizing)
Hill, Suzette
Apparel Industry Magazine, v59, n1, p32(7)
Jan, 1998
ISSN: 0192-1878 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 6062 LINE COUNT: 00486

... denim mills. However, heavyweight denim mills report they're getting back in shape. Swift Denim **reported inventory** back at normal levels. Predicted fiscal 1998's total sales would top 1997's. Textile... outerwear with jeans to keep consumers' attention....Levi's struggling with supply and demand and **excess** inventory, called slow to respond to prevailing fashion trends - pushed wide-leg jeans, but didn...

...piece-dyed business. Jeans business reported up as wide legs mean young men have to **replace** all their old jeans. Lucky Brand emerges as a top seller....October 7....At Bobbin...

15/3,K/17 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07195784 SUPPLIER NUMBER: 15150680 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hall-of-Fame drafts eight. (winners in Purchasing's second annual Cost Savers Hall-of-Fame contest)
Purchasing, v116, n1, p25(4)
Jan 13, 1994
ISSN: 0033-4448 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1845 LINE COUNT: 00152

... JIT-type or flow-based manufacturing system. "Inventory of each size wasn't practical; in **short** , it was a planning nightmare," Hebeisen says. "Stockouts in narrow coils caused **substitution** of wider coils, resulting in **excessive** scrap and subsequent shortages of wider coils."
To solve the problem, Hebeisen did some research...

15/3,K/18 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06506812 SUPPLIER NUMBER: 14322057 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The evolution of the "Investment System": Keynes' theory of employment and money revisited.
McDermott, Karl A.
Review of Social Economy, v51, n1, p62(24)
Spring, 1993
ISSN: 0034-6764 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9827 LINE COUNT: 00772

... been able to coordinate the long-term needs and capabilities of the economic system and **substitute** for these mechanisms a system that allowed for greater instability. As Keynes described this problem...

15/3,K/19 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05858893 SUPPLIER NUMBER: 12232151 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Slight gains seen for centers; industry is in transition: Sharkey. (Andrew G. Sharkey of the Steel Service Center Institute)
Viani, Laura
American Metal Market, v100, n91, p1(2)
May 11, 1992
ISSN: 0002-9998 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 533 LINE COUNT: 00042

... get, Sharkey said, as the investment threshold to restart an operation will become too high.
Inventory management has become more sophisticated, with less material purchased for inventory and more for specific customers...

15/3,K/20 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05433387 SUPPLIER NUMBER: 11100858 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Motor control - electromechanical. (The 1991 Plant Engineering Encyclopedia)
Plant Engineering, v45, n14, p30(6)
July 18, 1991
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2092 LINE COUNT: 00173

... a liquid state at a specific recurring point. Used in thermal overload devices. Full-voltage **control** -Connects **equipment** directly to the ...Manual controller-An electric controller with devices that function by mechanical means, usually manually. Master **switch** -A **switch** operating contactors, relays, or other remotely controlled electrical devices. Motor circuit **switch** -Motor branch circuit **switch** which is horsepower-rated and is capable of interrupting motor overload current. NEMA size-Electric ...

...Non-reversing-Operation in one direction only. Overload relay-Running

overcurrent protection that operates when **excessive** current is drawn, but not necessarily protection for **short** circuit. When device operates, magnetic controller opens to disconnect load from line. Overload relay reset...

...Remote control-Controls function initiation or change of electrical device from some remote point. Selector **switch** -A manually-operated master **switch** with a rotating motion. Semi-automatic starter-A starter in which part of the operations...

...period to perform a function. May be motor driven, solenoid actuated, or electronic. Transformer, control- **Converts** power voltages for operation of control devices. Enclosures When selecting control devices, consideration must be...

...and Dusttight, Indoor-For indoor use, primarily to house pilot devices such as pushbuttons, selector **switches** , and pilot lights. Oil-resistant gaskets, no knockouts or unsealed openings. All conduit openings have...

15/3,K/21 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

05114762 SUPPLIER NUMBER: 10407334 (USE FORMAT 7 OR 9 FOR FULL TEXT)
"Closed mills" seen as industry goal for the future. (Pulping)
Cox, Jackie
American Papermaker, v54, n1, p45(1)
Jan, 1991
ISSN: 1056-4772 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 767 LINE COUNT: 00062

... dioxide production is higher than needed as makeup chemicals," explained Noreus. "This means that higher **substitution** of chlorine with chlorine dioxide means a larger **excess** of the byproduct sodium sulfate. If (the mills can successfully produce) sodium hydroxide and sulfuric acid from the sodium sulfate..., the severe sodium hydroxide **shortage** cause by reduced consumption of chlorine will be less serious. The sulfur balance in the...

15/3,K/22 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05102855 SUPPLIER NUMBER: 10409709 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Indoor air quality - for architects. (Technics: Indoor Environments)
Levin, Hal; Teichman, Kevin
Progressive Architecture, v72, n3, p52(6)
March, 1991
ISSN: 0033-0752 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 5359 LINE COUNT: 00470

... relocation. Asbestos or lead abatement projects provide examples of the types of barriers, temporary ventilation **equipment** , and **management** strategies that can be employed.

The Need for Building Ecology

Most design professionals give little...

15/3,K/23 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

04833501 SUPPLIER NUMBER: 09546535 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SONET: AT & T Network Systems intros it's next generation. (new digital loop carrier systems)
EDGE, on & about AT&T, v5, n116, p9(1)
Oct 15, 1990
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 347 LINE COUNT: 00029

... the company's Service Net-2000 architecture. Among these features are:
o Downloadable software allowing **in - service** upgrades and eliminating downtime;
o An increase in capacity from 192 to 768 lines. Also...

15/3,K/24 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04557643 SUPPLIER NUMBER: 08939571 (USE FORMAT 7 OR 9 FOR FULL TEXT)
HVAC in the '90s. (1990 International Air-Conditioning, Heating, Refrigerating Exposition)
Dzierwa, Richard
Appliance, v47, n4, p37(3)
April, 1990
ISSN: 0003-6781 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2874 LINE COUNT: 00230

... developing a new code of practice for the service technicians who work on our equipment **in** the **field** ," Mr. Honnold explained. "This new code of practice will cover what we consider to be...

15/3,K/25 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

02839341 SUPPLIER NUMBER: 04261787 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Picking among funds now that there's a new one born every day. (Money Profile) (column)
Morgenson, Gretchen
Money, v15, p234(1)
June, 1986
DOCUMENT TYPE: column ISSN: 0149-4953 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 877 LINE COUNT: 00064

15/3,K/26 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

02170464 SUPPLIER NUMBER: 03523997 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Office automation; productivity through integration.
Forbes, v134, p161(16)
Nov 19, 1984

CODEN: FORBA ISSN: 0015-6914 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 11594 LINE COUNT: 00949

... library of synthetic phonemes.
One segment of this industry, voice recognition, is improving productivity in **inventory tracking** , manufacturing, robotics, and other "hands busy" industrial applications.
In quality assurance operations, speech-synthesis devices...

15/3,K/27 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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02023049 SUPPLIER NUMBER: 03119613 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How users profit from Dictaphone technology. (advertising supplement)
Modern Office Technology, v29, pS30(4)
Feb, 1984
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2186 LINE COUNT: 00175

... and in cars," says Kathy Cavey, executive secretary.
Cavey transcribes the dictation on a DCXIII **system** . Dictaphone **equipment** has allowed her to use her time more efficiently, too. The desktop transcriber can tell...

```
Set     Items   Description
S1     980298   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
             OR UNDERSTOCK OR UNDER()STOCK
S2      35793   RE()USE OR REUSE OR USE()AGAIN
S3    6100264   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
             CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1300078   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
             CH???
S5     300382   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     283641   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7     100078   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
              OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
             TRACK?)
S8      14090   S1(2S)S5
S9        365   S2(2S)S6
S10         8   S7 AND S9
S11       880   S8(S)S4
S12        10   S7 AND S11
S13        18   S10 OR S12
S14        17   S13 NOT PY>2001
S15        15   RD  (unique items)
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         (c) 2007 Elsevier Eng.  Info. Inc.
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         (c) 2007 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 2006 The Thomson Corp
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15/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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2168344 NTIS Accession Number: DE99721511/XAB
Lietuvos Dujos. Report on project execution and finalisation. Inspection of pipelines, phase 2
Dansk Olie og Naturgas A/S, Hoersholm (Denmark).
Corp. Source Codes: 888888888
Report No.: NEI-DK-3299
31 Jul 1998 25p
Languages: English
Journal Announcement: USGRDR0019; NSA0023
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NTIS Prices: PC A03/MF A01

...of 28 km of a New Panevezys-Siauliai Pipeline has been focusing on the possible **reuse** of 28 km of pipes supplied and field welded in 1990, prior to the independence...

... and the decline of gas consumption immediately after the independence, these pipes had been left **in** the **field** , in principle unattended and with incomplete protection against corrosion and other deterioration. Since Lietuvos Dujos now plans to extend its pipeline system, and in this context intends to **reuse** the 28 km of pipes, an inspection to establish whether the pipes seem to be...
Descriptors: *Pipelines; *Lithuania; Inspection; Welded Joints; Cathodic Protection; Natural Gas; **Control Equipment**

15/3,K/2 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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1897479 NTIS Accession Number: AD-A292 759/8
Adopting the Prime Vendor Program to Manage Marine Corps Authorized Medical/Dental Allowance Lists
(Master's thesis)
White, K. L.
Naval Postgraduate School, Monterey, CA.
Corp. Source Codes: 019895000; 251450
Dec 94 98p
Languages: English Document Type: Thesis
Journal Announcement: GRAI9521
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A05/MF A02

The purpose of this thesis is to analyze the ongoing problem of **replacing** expiring pharmaceutical and medical/surgical items stocked in Marine Corps Authorized Medical/Dental Allowance Lists...

... Prepositioned War Reserve (PWR), required to be immediately available for combat support. Due to the **short** shelf-life of these items, maintaining this PWR creates **excessive** financial losses, costing the

Marine Corps approximately eight million dollars per year. In February 1993, the Department of Defense implemented the Prime Vendor Program to eliminate **excessive** hospital inventories. This form of Just-in-Time **inventory management** improves the quality of health care by eliminating long procurement leadtimes and losses due to...

15/3,K/3 (Item 3 from file: 6)
DIALOG(R)File 6:NTIS
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1835605 NTIS Accession Number: DE94780689
Taiyoko hatsuden field test jigyo hokokusho. Kenritsu Awaji nogyo gijutsu center ni okeru field test jigyo. (Report On photovoltaic power generation field test operation. Field test operation at Hyogo Prefectural Awaji Agricultural Center)
Kaihara, T.
New Energy Development Organization, Tokyo (Japan).
Corp. Source Codes: 085267000; 9901824
Report No.: ETDE/JP-MF-94780689
28 May 93 9p
Languages: Japanese
Journal Announcement: GRAI9424; ERA9447
Japanese.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01

... Agricultural Center. The solar cell has a capacity of 25 kW, with its DC power **converted** into 200V AC by an inverter to be used as power for greenhouses in the Center. **Shortage** in power is supplied from the general high-voltage distribution line. The **excess** power is flown back and sold. The polycrystalline silicon module has a conversion rate of...

... circuit when an anomaly occurs in the inverter, and a high-voltage system connection protecting **equipment** . The **system** has inaugurated the operation smoothly since the completion in March 1993, and has been collecting...

15/3,K/4 (Item 4 from file: 6)
DIALOG(R)File 6:NTIS
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0817821 NTIS Accession Number: AD-A082 759/2/XAB
Power Controller 28VDC Load Switching (N.O. SPST)
(Final rept 31 Aug 77-21 Jan 80)
McMackin, J. B.
RCA Government Communications Systems, Camden, NJ.
Corp. Source Codes: 066067000; 410488
Sponsor: Naval Air Development Center, Warminster, PA
Report No.: NADC-76-125-30
21 Jan 80 16p
Languages: English
Journal Announcement: GRAI8015
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,

Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01

A solid state power controller has been designed in four ratings to **switch** 28vDC power to selected loads upon remote command. The four ratings trip out at currents...
... allows for wide variations in load and supply voltage and will not trip out on **short** load transients of up to 1000% of rated load current. In case of failure of the controller circuitry, an internal fuse protects the load from **excessive** current. The control current which operates the controller also provides a sensing function so that...
Descriptors: *Command and control systems; *Switching circuits; *Power **equipment** ; *Remote **control** ; Direct current; Power supplies; Fuses(Electrical); Electric current; Solid state electronics

15/3,K/5 (Item 5 from file: 6)
DIALOG(R)File 6:NTIS
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0483788 NTIS Accession Number: PB-238 471/7/XAB
Development of a Monthly Municipal Technology Bulletin
(Environmental protection technology series)
Sandoski, D. A.
Franklin Inst. Research Labs., Philadelphia, Pa.
Corp. Source Codes: 142925
Sponsor: Office of Water Research and Technology, Washington, D.C.; Environmental Protection Agency, Washington, D.C. Controlled and Treatment Integration Branch.
Report No.: W75-03051; EPA/600/2-74-005
May 74 131p
Document Type: Bibliography
Journal Announcement: GRAI7507
Paper copy available from GPO. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: MF A01

Municipal Technology Bulletin, has been developed which emphasizes advancements **in** the **field** of municipal technology as related to water quality and water pollution control. In surveying the literature the following subject areas are explored: wastewater treatment; disposal methods; water reclamation and **reuse** ; water quality requirements; economics of water pollution **control** ; construction **equipment** and materials; analytical techniques and instrumentation; storm overflows and regulation devices; sewer systems; storm water...

15/3,K/6 (Item 6 from file: 6)
DIALOG(R)File 6:NTIS
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0471981 NTIS Accession Number: ED-089 749/XAB
Study of Decision Factors in Planning DBPH Audio Services
Kuipers, J. W. ; Thorpe, R. W.
Library of Congress, Washington, D.C. Div. for the Blind and Physically Handicapped.
31 Jan 74 88p
Journal Announcement: GRAI7501

QEI, Inc., Bedford, Mass.
Available from ERIC Document Reproduction Service, P.O. Box 190, Arlington, Va. 22210, PC$4.20 MF$0.75.
NTIS Prices: Not available NTIS

... decision-making regarding recording media and playback machines. The principal planning decisions were classified as **system equipment** costs and product quality factors. Equipment costs included system options as of 1976 as well...

... convenience, user acceptance, quality of sound, operational problems or risks, ease of duplication of media **in** the **field** , storage and shelving of media for libraries, wearing of media, and the possibility of **reuse** of media. A decision matrix was formulated which compared five alternative sound reproduction systems. The...

15/3,K/7 (Item 7 from file: 6)
DIALOG(R)File 6:NTIS
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0274277 NTIS Accession Number: PB-199 709/XAB
National Symposium on Food Processing Wastes Proceedings (1st), held at Portland, Oregon on 6-8 April 1970
(Water pollution control research series)
Federal Water Quality Administration, Washington, D.C.
Report No.: W71-08398; FWQA-12060-04/70
Apr 70 400p
Document Type: Conference proceeding
Journal Announcement: GRAI7114
Paper copy available from GPO $3.00 as I67.13/4:12060-04/70.
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NTIS Prices: MF A01

... processing waste; Cannery waste treatment by two-stage aeration process; Lime treatment and in-plant **reuse** of an activated sludge plant effluent in the citrus processing industry; Seafoods processing; Cannery waste...
...activated sludge process; Concentration of sugarbeet wastes for economic treatment with biological systems; Reconditioning and **reuse** of olive processing brines; Trickling filter treatment of food canning waste water; Wurdd's task force on agricultural pollution; **In - field** processing of tomatoes; 'Dry' caustic peeling of vegetables and fruits; Pilot plant experience of USDA...
Identifiers: *Water pollution control; *Water pollution **control equipment** ; Potatoe processing; Beet processing; NTISOWRR

15/3,K/8 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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08966185 E.I. No: EIP01536781304
Title: Inventory profile analysis: An aggregation technique for improving customer service while reducing inventory
Author: Robison, J.A.
Corporate Source: Dept. of Business Administration Sonoma State

University, Rohnert Park, CA 94928-3609, United States
Source: Production and Inventory Management Journal v 42 n 2 Second Quarter 2001. p 8-13
Publication Year: 2001
CODEN: PIMJE8 ISSN: 0897-8336
Language: English

Abstract: To improve customer service levels, management must focus on the **shortage** stockkeeping units (SKUs) to hide the problems. Unlike other inventory aggregation techniques, inventory profile analysis (IPA) aggregates inventory into separate **shortage** and **excess** values. It has significant benefits compared with the months on hand (MOH) aggregation technique. In addition, it provides even greater benefits when **replacing** a cost-based aggregation technique such as inventory turnover. (Edited abstract) 10 Refs.
Descriptors: ***Inventory control** ; Customer satisfaction; Production control; Industrial management; Competition; Marketing; Normal distribution ; Cost benefit analysis

(Relevant to cite)

15/3,K/9 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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08869526 E.I. No: EIP01326608136
Title: A study on time series pattern extraction and processing for competitive intelligence support
Author: Yuan, S.-T.; Huang, M.-Z.
Corporate Source: Information Management Department Fu-Jen University, Hsin-Chuang, Taipei 24205, Taiwan
Source: Expert Systems with Applications v 21 n 1 July 2001. p 37-51
Publication Year: 2001
CODEN: ESAPEH ISSN: 0957-4174
Language: English

...Abstract: the company has to continuously monitor its competitors in order to get enough information and **convert** the information into competitive knowledge. Although information technology has been used in many areas and...

...to make good decisions on the stock allocation problem, freeing them from the dilemma of **over - stock** or **under - stock** with respect to competitors' stock. Our approach differs from traditional **inventory management** in the grounds they are based: traditional **inventory management** is based on the perspective of cash flow while our approach is based on the...

15/3,K/10 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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08857181 E.I. No: EIP01306596707
Title: An inventory model with dependent product demands and returns
Author: Kiesmuller, G.P.; Van der Laan, E.A.
Corporate Source: Department of Decision Sciences Faculty of Business Administration Erasmus University Rotterdam, NL-3000 DR Rotterdam, Netherlands
Source: International Journal of Production Economics v 72 n 1 Jun 30 2001. p 73-87

Publication Year: 2001
CODEN: IJPCEY ISSN: 0925-5273
Language: English

...Abstract: depend explicitly on the demand stream. Further, the model distinguishes itself from most other research **in** this **field** by considering leadtimes and a finite planning horizon. We show that neglecting the dependency between...

...determine the minimal recovery probability or the minimal length of the planning horizon for which **reuse** is profitable. copy 2001 Elsevier Science B.V. 7 Refs.
Descriptors: ***Inventory control** ; Mathematical models; Markov processes; Probability

15/3,K/11 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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08303518 E.I. No: EIP99064704706
Title: Optimal policy for a periodic review returnable inventory system
Author: Buchanan, D.J.; Abad, P.L.
Source: IIE Transactions (Institute of Industrial Engineers) v 30 n 11 1998. p 1049-1055
Publication Year: 1998
CODEN: IIETDM ISSN: 0740-817X
Language: English

Title: Optimal policy for a periodic review returnable inventory system
Abstract: In this paper, we consider the **inventory control** problem in a periodic review returnable system. In a returnable system, containers are returned by consumers to the manufacturer for **reuse** . We view the returns in a given period to be a stochastic function of the number of containers out **in** the **field** . Using dynamic programming, we derive the optimal **inventory control** policy for the system. (Author abstract) 5 Refs.
Descriptors: ***Inventory control** ; Mathematical models; Dynamic programming; Containers; Recycling; Costs; Random processes; Probability density function

15/3,K/12 (Item 5 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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07139304 E.I. No: EIP95042670607
Title: Hybrid mass damper with convertible active and passive modes using multistage rubber bearing and hydraulic actuator for vibration control of tall buildings (1st Report, Control scheme considering operational limit of actuator due to pressure drop in hydraulic system)
Author: Kamada, Takayoshi; Fujita, Takafumi; Masaki, Nobuo
Source: Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C v 61 n 581 Jan 1995. p 22-29
Publication Year: 1995
CODEN: NKCHDB ISSN: 0387-5024
Language: English; Japanese

...Abstract: work against strong winds or earthquakes beyond the capacity

of the actuator, active-passive mode **switching** is carried out due to an **excessive** drop in the pressure or **shortage** of the stroke or saturation of the control force. In this paper mode **switching** due to the pressure drop is dealt with. The **switching** rules were determined by simulation using analytical models for the active and passive modes. Furthermore...
Descriptors: *Vibration control; Damping; Bearings (structural); Hydraulic **control equipment** ; Actuators; Mathematical models; Fuzzy control; Pressure drop; Pressure effects; Tall buildings

15/3,K/13 (Item 6 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05193498 E.I. Monthly No: EI8704036636
Title: HYBRID CIRCUIT MANUFACTURING UPDATE.
Author: Walton, J. Page
Source: Electronic Production (London) v 14 n 7 Jul 1985 4p between p 27 and 33
Publication Year: 1985
CODEN: ELPDB4 ISSN: 0306-333X
Language: ENGLISH

Abstract: Recent developments **in** the **field** of hybrid manufacturing are reported. Considered are the materials, surface mounting, epoxy, screen printing techniques, plasma processing, process **control** , assembly **equipment** , hand soldering, repair and **reuse** , and packaging. Various products are described and a list of their manufacturers is furnished.

15/3,K/14 (Item 7 from file: 8)
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03758744 E.I. Monthly No: EI7811079781 E.I. Yearly No: EI78006266
Title: AUTOMATIC AND SEMI AUTOMATIC GEARBOXES FOR HEAVY COMMERCIAL VEHICLES.
Author: Granfield, Charles
Source: Automotive Engineer (London) v 3 n 3 Jun-Jul 1978 p 37-39
Publication Year: 1978
CODEN: EUENDA ISSN: 0307-6490
Language: ENGLISH

...Abstract: special emphasis on total operating costs, reliability, fuel economy, reduced driver fatigue and vehicle safety. **Short** haul usage supported a good case for automatic transmission fitment in respect of fatigue reduction, safety and improved vehicle utilisation, but some form of retarder is required to control **excessive** brake loading. It was generally felt that some form of driver override was necessary. In another paper, the differential **converter** principle permitting torque **converter** operation over a wider range at higher efficiency was faovred, especially when integrated with a hydraulic retarder in the **converter** circuit. An electric control system offered the optimum facility for engine matching, driver override for...
...Descriptors: Applications; **CONTROL EQUIPMENT** , ELECTRIC...

15/3,K/15 (Item 8 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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03399918 E.I. Monthly No: EI7410064556
Title: EXTRUSION COMPOUNDING OF HEAT AND SHEAR SENSITIVE POLYMERS.
Author: Adams, Ronald L.
Corporate Source: Werner & Pfleiderer Corp, Waldwick, NJ
Source: SPE, Annu Tech Conf, 32nd, Pap, v 20, San Francisco, Calif, May 13-16 1974 p 469-471. Available from SPE, Greenwich, Conn, 1974
Publication Year: 1974
Language: ENGLISH

...Abstract: process. The compounds produced by this method have excellent processing properties and can be readily **converted** into high-grade cross-linked products by either injection molding or extrusion. These results are made possible by the three basic processing capabilities of the two-stage system: **short** and uniform retention time; **control over stock** temperatures substantially below the activation point of the material to assure the full effect of...

Set	Items	Description
S1	700	(INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR TRACK?)
S2	234	RE()USE OR REUSE OR USE()AGAIN
S3	367	IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S4	4	S2 AND S3
S5	0	S1 AND S4
S6	743	SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDERSTOCK OR UNDER()STOCK
S7	93	EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S8	4	S6 AND S7
S9	0	S1 AND S8
S10	16	S1 AND (S2 OR S3 OR S6 OR S7)
S11	3023	CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWITCH???
S12	2	S10 AND S11

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12/3,K/1
DIALOG(R)File 256:TecInfoSource
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00155098 DOCUMENT TYPE: Review

PRODUCT NAMES: Bluetooth (841455); Patient Care (830347)

TITLE: Clinical Bluetooth: Collecting and Accessing Patient Data
AUTHOR: Kraemer, James
SOURCE: ECN, v49 n3 p62(2) Mar 2005
ISSN: 1523-3081
HOMEPAGE: http://www.ecnmag.com

FILE SEGMENT: Review
RECORD TYPE: Product Analysis

REVISION DATE: 20070300

...Among the vaunted features of Bluetooth are its low power consumption levels, its ability to **replace** cable technology, and its **short** -range security features. Bluetooth devices are making the remote and wireless collection of patient data...

...boosting the capabilities of existing equipment through adapters. Bluetooth is also being expanded into patient **monitoring equipment** in both home care and clinical environments. Among the many applications are blood glucose meters...

12/3,K/2
DIALOG(R)File 256:TecInfoSource
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00153733 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Corp--Company News (850195)

TITLE: Sitting Pretty: Despite security flaws, Linux threats, and being...
AUTHOR: Foley, John
SOURCE: Information Week, v999 p20(3) Jul 26, 2004
ISSN: 8750-6874
HOMEPAGE: http://www.informationweek.com

FILE SEGMENT: Review
RECORD TYPE: Company

REVISION DATE: 20070300

...were recently reported and showed Microsoft growing in all markets. Adjusted earnings were one cent **short** of the expectations of analysts, but revenue rose 15% for the quarter that ended June...

...server purchases. User Darryl Nitke, CIO of Cosa Instruments, a small distributor of process and **control equipment** , recently **replaced** a multivendor IT infrastructure with Microsoft's software stack. Nitke comments, jI have everything I...